ARG30325
Inflammatory Cell Antibody Panel

Package: 1 kit
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG65859	anti-CD3 epsilon antibody [SQab1713]	Rabbit mAb	Hu	FACS, ICC/IF, IHC-P, IP, WB	20 µl
ARG66197	anti-CD20 antibody [SQab1719]	Rabbit mAb	Hu	FACS, ICC/IF, IHC-P, IP	20 µl
ARG66253	anti-CD68 antibody [SQab1742]	Rabbit mAb	Hu	FACS, IHC-Fr, IHC-P	20 µl
ARG56868	anti-MPO / Myeloperoxidase antibody	Rabbit pAb	Hu, Ms, Rat	IHC-P, WB	20 µl
ARG65351	Goat anti-Rabbit IgG antibody (HRP)	Goat pAb	Rb	ELISA, IHC-P, WB	50 µl

Summary

Product Description

Human Inflammatory Cell Antibody Panel is an all-in-one solution to make detecting inflammatory cells easy and economic. It is ideal for labeling inflammatory cells in human tumor or damaged tissues. This antibody panel comprises early and late inflammatory cell markers: MPO, CD68, CD3 and CD20 antibodies are markers for neurophil, macrophage, T cell and B cell, respectively. Moreover, the compatible secondary antibody for pathological staining is included in this panel. All the antibodies in this panel have excellent performance for not only IHC-P but also more applications.

Related news:
Inflammation antibody panels are released
Exploring Antiviral Immune Response

Target Name

Inflammatory Cell

Alternate Names

Inflammatory Cell antibody; MPO / Myeloperoxidase antibody; CD3 antibody; CD20 antibody; CD68 antibody

Properties

Storage instruction

For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

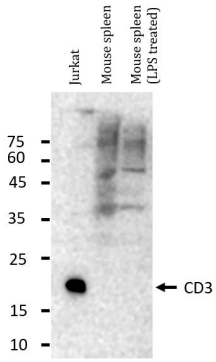
Gene Full Name

Antibody Panel for Inflammatory Cell

Highlight

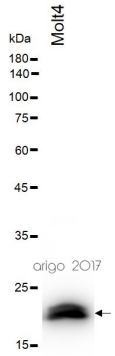
Related products:

Images



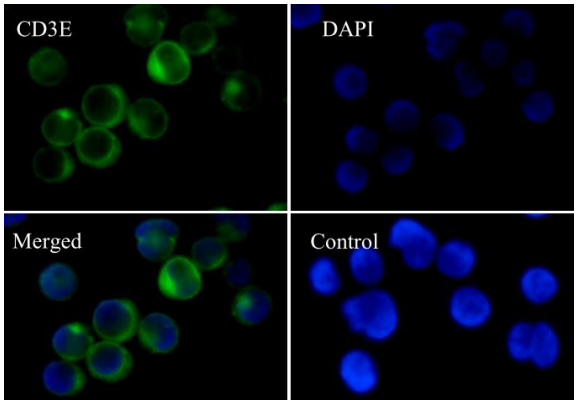
ARG65859 anti-CD3 epsilon antibody [SQab1713] WB image (Customer's Feedback)

Western blot: 20 µg of Jurkat and Mouse spleen (untreated or treated with LPS) lysates stained with ARG65859 anti-CD3 epsilon antibody [SQab1713] at 1:1000 dilution, overnight at 4°C.



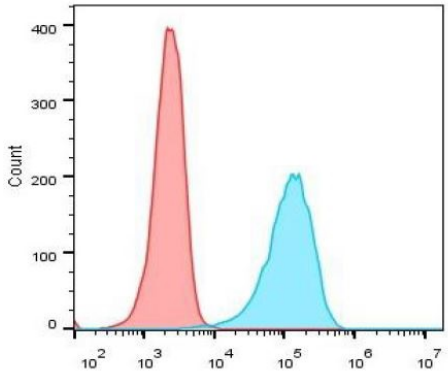
ARG65859 anti-CD3 epsilon antibody [SQab1713] WB image (Customer's Feedback)

Western blot: 30 µg of Molt4 cell lysate stained with ARG65859 anti-CD3 epsilon antibody [SQab1713] at 1:500 dilution.



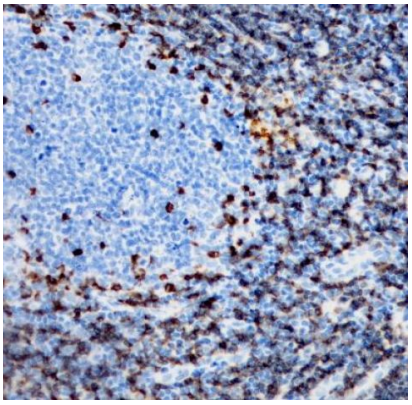
ARG65859 anti-CD3 epsilon antibody [SQab1713] ICC/IF image

Immunofluorescence: Jurkat cells were fixed with 4% paraformaldehyde for 30 min at RT, permeabilized with 0.1% Triton X-100 for 10 min at RT then blocked with 10% Goat serum for half an hour at room temperature. Samples were stained with ARG65859 anti-CD3 epsilon antibody [SQab1713] (green) at 1:50 and 4°C. DAPI (blue) was used as the nuclear counter stain. Control: PBS and secondary antibody.



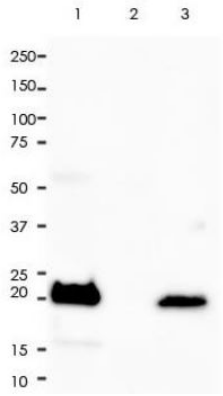
ARG65859 anti-CD3 epsilon antibody [SQab1713] FACS image

Flow Cytometry: Jurkat cells were fixed with 4% paraformaldehyde for 10 min. The cells were then stained with ARG65859 anti-CD3 epsilon antibody [SQab1713] (blue) at 1:1000 dilution in 1x PBS/1% BSA for 30 min at room temperture, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled sample (red) was used as a control.



ARG65859 anti-CD3 epsilon antibody [SQab1713] IHC-P image

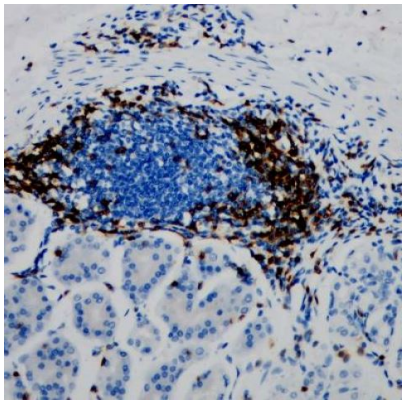
Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded sections of Human tonsil tissue stained with ARG65859 anti-CD3 epsilon antibody [SQab1713] at 1:200 dilution. Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).



ARG65859 anti-CD3 epsilon antibody [SQab1713] IP image

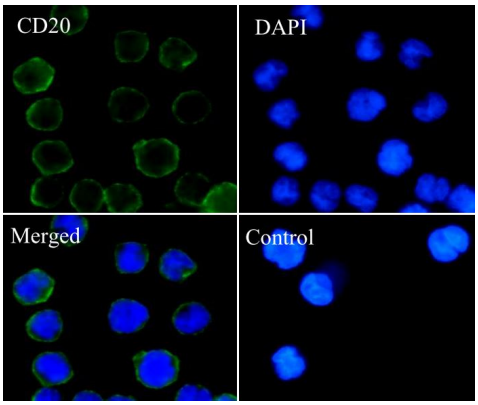
Immunoprecipitation: 0.4 mg of Molt-4 whole cell lysate was immunoprecipitated (1:15 dilution) and stained with ARG65859 anti-CD3 epsilon antibody [SQab1713].

Lane 1: Immunoprecipitation in Molt-4 whole cell lysate
Lane 2: Rabbit IgG instead of Primary Ab in Molt-4 whole cell lysate
Lane 3: Molt-4 whole cell lysate, 10 µg (input)



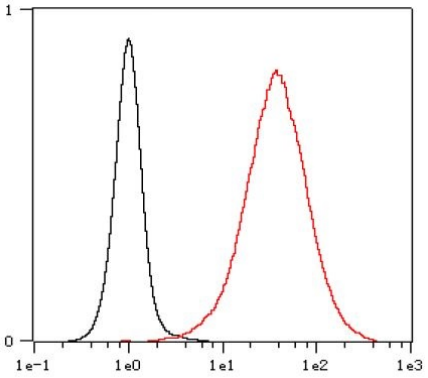
ARG65859 anti-CD3 epsilon antibody [SQab1713] IHC-P image

Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded sections of Human colon tissue stained with ARG65859 anti-CD3 epsilon antibody [SQab1713] at 1:200 dilution. Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).



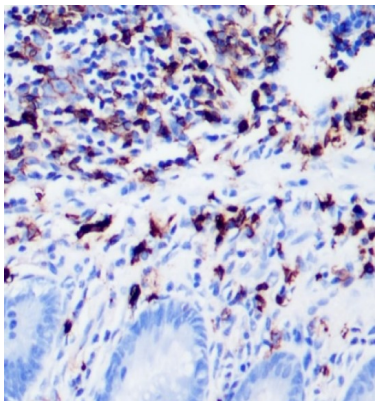
ARG66197 anti-CD20 antibody [SQab1719] ICC/IF image

Immunofluorescence: Raji cells fixed with 4% paraformaldehyde for 30 min at RT, permeabilized with 0.1% Triton X-100 for 10 min at RT then blocked with 10% Goat serum for half an hour at room temperature. Samples were stained with ARG66197 anti-CD20 antibody [SQab1719] (green) at 1:1000 at 4°C. DAPI (blue) was used as the nuclear counter stain. Control: PBS and secondary antibody.



ARG66197 anti-CD20 antibody [SQab1719] FACS image

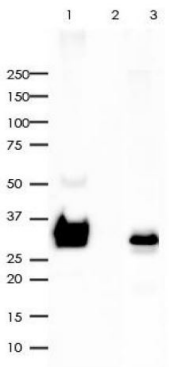
Flow Cytometry: Raji cells were fixed with 4% paraformaldehyde for 10 min. The cells were then stained with ARG66197 anti-CD20 antibody [SQab1719] (red) at 1:500 dilution in 1x PBS/1% BSA for 30 min at room temperture, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled sample (black) was used as a control.



ARG66197 anti-CD20 antibody [SQab1719] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human appendix tissue stained with ARG66197 anti-CD20 antibody [SQab1719] at 1:20000 dilution.

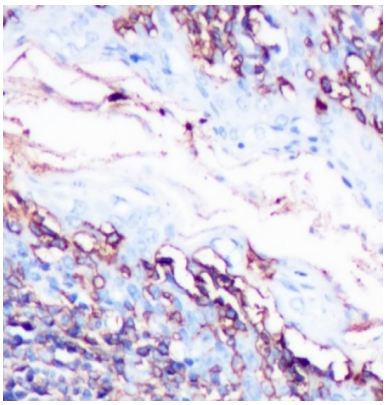
Antigen retrieval: Heat mediated was performed using Tris/EDTA buffer pH 9.0



ARG66197 anti-CD20 antibody [SQab1719] IP image

Immunoprecipitation: 0.4 mg of Raji whole cell lysate was immunoprecipitated (1:20 dilution) and stained with ARG66197 anti-CD20 antibody [SQab1719].

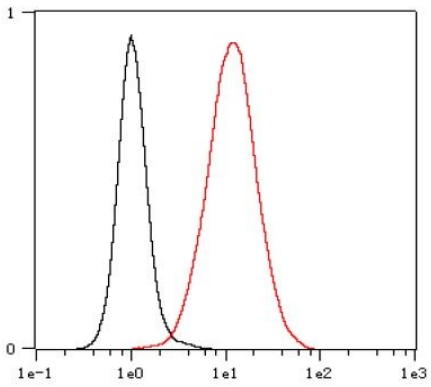
Lane 1: Immunoprecipitation in Raji whole cell lysate
Lane 2: PBS instead of Primary Ab in Raji whole cell lysate
Lane 3: Raji whole cell lysate, 10 µg (input)



ARG66197 anti-CD20 antibody [SQab1719] IHC-P image

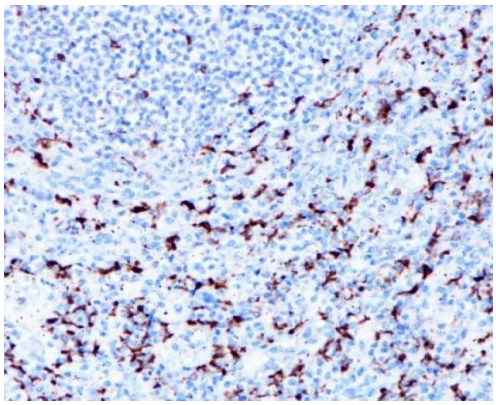
Immunohistochemistry: Formalin-fixed and paraffin-embedded Human spleen tissue stained with ARG66197 anti-CD20 antibody [SQab1719] at 1:20000 dilution.

Antigen retrieval: Heat mediated was performed using Tris/EDTA buffer pH 9.0



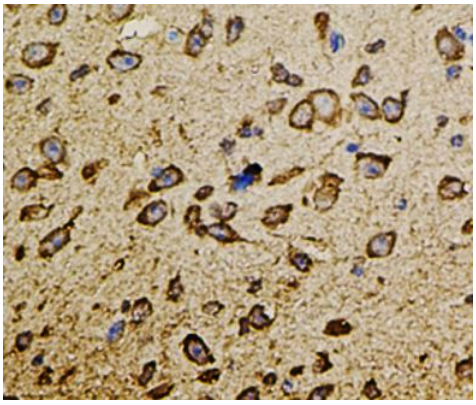
ARG66253 anti-CD68 antibody [SQab1742] FACS image

Flow Cytometry: THP-1 cells were fixed with 4% paraformaldehyde for 10 min. The cells were then stained with ARG66253 anti-CD68 antibody [SQab1742] (red) at 1:100 dilution in 1x PBS/1% BSA for 30 min at room temperature, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled sample (Black) was used as a control.



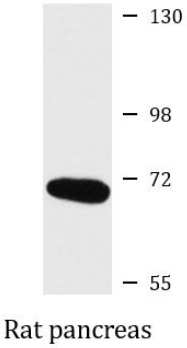
ARG66253 anti-CD68 antibody [SQab1742] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human liver tissue stained with ARG66253 anti-CD68 antibody [SQab1742] at 1:200. Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).



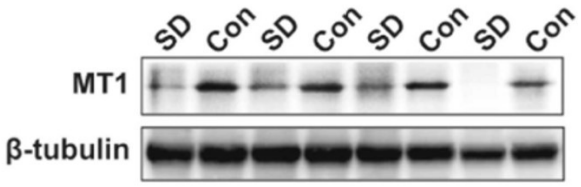
ARG56868 anti-MPO / Myeloperoxidase antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain tissue stained with ARG56868 anti-MPO / Myeloperoxidase antibody at 1:100 dilution.



ARG56868 anti-MPO / Myeloperoxidase antibody WB image

Western blot: Rat pancreas lysate stained with ARG56868 anti-MPO / Myeloperoxidase antibody.



ARG65351 Goat anti-Rabbit IgG antibody (HRP) WB image

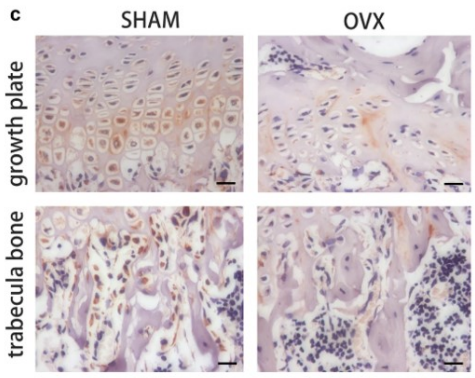
Western blot: Rat placental stained with ARG57589 anti-MTNR1A antibody at 1:1000 dilution, ARG65351 Goat anti-Rabbit IgG antibody (HRP) at 1:5000 dilution.

From Jinzhi Li et al. J Reprod Immunol. (2023), doi: 10.1016/j.jri.2023.104166, Fig. 2.B.

ARG65351 Goat anti-Rabbit IgG antibody (HRP) WB image

Western blot: Mouse retina stained with ARG65693 anti-alpha Tubulin antibody and ARG65351 Goat anti-Rabbit IgG antibody (HRP)

From Xiaoyuan Ye et al. Mol Ther Nucleic Acids. (2024), doi: 10.1016/j.omtn.2024.102209, Fig. 5.D.



ARG65351 Goat anti-Rabbit IgG antibody (HRP) IHC-P image

From Yu-Qian Song et al. J Mol Med (Berl) (2022), doi: 10.1007/s00109-021-02165-0, Fig. 5.c.
