

ARG66203 anti-CD99 antibody [SQab1725]

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab1725] recognizes CD99
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Monoclonal
Clone	SQab1725
Isotype	IgG
Target Name	CD99
Species	Human
Immunogen	Synthetic peptide around the C-terminus of CD99.
Conjugation	Un-conjugated
Alternate Names	12E7; CD99 antigen; MIC2X; MIC2Y; CD antigen CD99; MSK5X; Protein MIC2; MIC2; T-cell surface glycoprotein E2; HBA71; E2 antigen

Application Instructions

Application table	Application	Dilution
	IHC-P	1:500 - 1:1000
	WB	1:500
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed using Citrate buffer (pH 6.0) * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

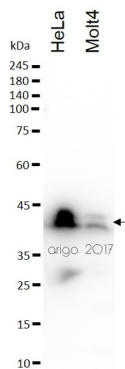
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
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. 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

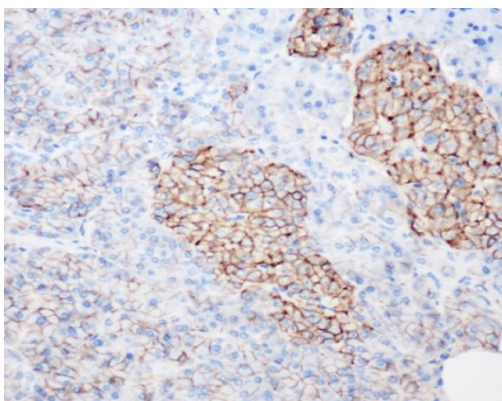
Gene Symbol	CD99
Gene Full Name	CD99 molecule
Background	CD99 is a cell surface glycoprotein involved in leukocyte migration, T-cell adhesion, ganglioside GM1 and transmembrane protein transport, and T-cell death by a caspase-independent pathway. In addition, the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. There is a related pseudogene located immediately adjacent to this locus. [provided by RefSeq, Mar 2016]
Function	CD99 involved in T-cell adhesion processes and in spontaneous rosette formation with erythrocytes. Plays a role in a late step of leukocyte extravasation helping leukocytes to overcome the endothelial basement membrane. Acts at the same site as, but independently of, PECAM1. Involved in T-cell adhesion processes. [UniProt]
Highlight	Related products: CD99 antibodies; Related news: Cancer Pathology Markers (SQ clones)
Calculated Mw	19 kDa
PTM	Extensively O-glycosylated.

Images



ARG66203 anti-CD99 antibody [SQab1725] WB image

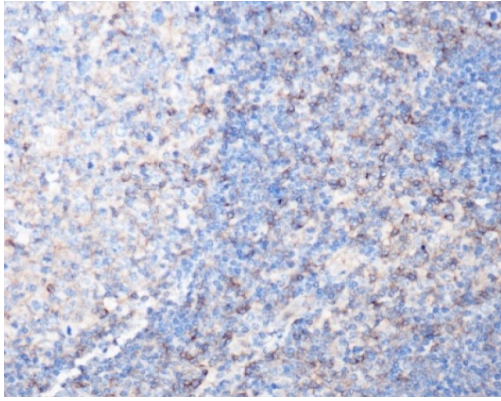
Western blot: 30 µg of HeLa and Molt4 cell lysates stained with ARG66203 anti-CD99 antibody [SQab1725] at 1:500 dilution.



ARG66203 anti-CD99 antibody [SQab1725] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human pancreas tissue stained with ARG66203 anti-CD99 antibody [SQab1725] at 1:500 dilution.

Antigen retrieval: Heat mediated was performed using Citrate buffer pH 6.0



ARG66203 anti-CD99 antibody [SQab1725] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human tonsil tissue stained with ARG66203 anti-CD99 antibody [SQab1725] at 1:500 dilution.

Antigen retrieval: Heat mediated was performed using Citrate buffer pH 6.0