ARG30336
Human MDSC Marker Antibody Duo

Package: 1 pair
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG22000	anti-CD11b antibody [M1/70]	Rat mAb	Bb, Hu, Ms, R. Mk	BL, FACS, ICC/IF, IHC-Fr, IP	50 µg
ARG65560	anti-CD33 antibody [WM53]	Mouse mAb	Hu, NHuPrm	CyTOF®-candidate, FACS, FuncSt, ICC/IF, IHC-Fr, IP, WB	50 µg

Summary

Product Description

Human MDSC Marker Antibody Duo includes antibodies to MDSC marker, CD11b and CD33, for Myeloid-derived suppressor cells (MDSCs) study. Myeloid-derived suppressor cells (MDSCs) are a heterogeneous population of immune cells from the myeloid lineage. MDSCs are well-known key negative regulators of the immune response in tumor microenvironment. Accumulated evidences show that MDSCs may serve as a therapeutic target for preventing tumor progression.In humam, MDSCs are defined as cells expressing CD33 and CD11b. arigo's Human MDSC Marker Antibody Duo comprises CD33 and CD11b antibodies. It is the best solution to identify the MDSCs in human tumor tissues.

Related news:
New antibody panels and duos for Tumor immune microenvironment
Anti-SerpinB9 therapy, a new strategy for cancer therapy

Target Name

Human MDSC marker

Alternate Names

Human MDSC Marker antibody; Myeloid-derived suppressor cells marker antibody; MDSCs marker antibody; CD11b antibody; CD33 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

Human Myeloid-derived suppressor cell (MDSC) marker Antibody Duo

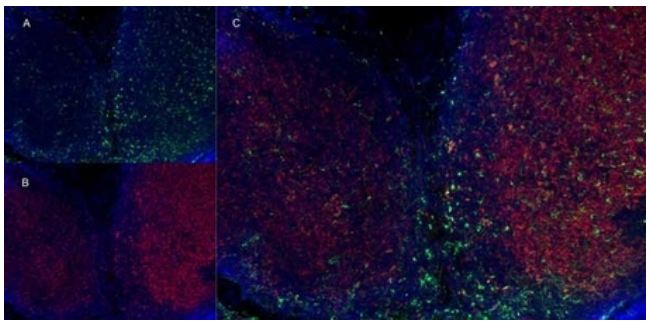
Highlight

Related products:
MDSC Duos / Panels;

Research Area

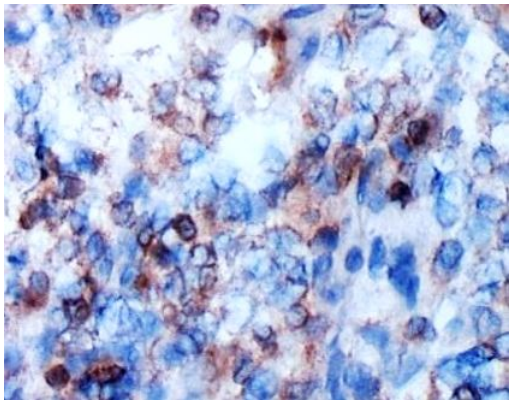
Myeloid-derived suppressor cells marker; MDSCs marker; Tumor immune microenvironment; tumor-associated myeloid cells

Images



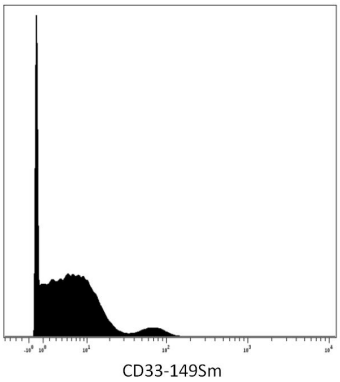
ARG22000 anti-CD11b antibody [M1/70] IHC-Fr image

Immunohistochemistry: Cryosection of Mouse lymph node stained with ARG22000 anti-CD11b antibody [M1/70] (green, A) and anti-Mouse CD8 antibody (red, B). Merged image in C.



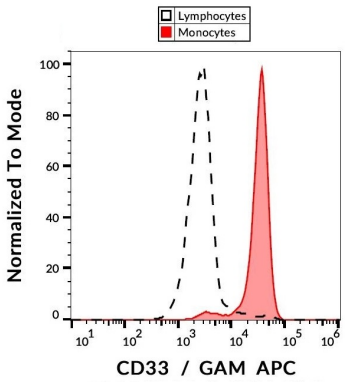
ARG65560 anti-CD33 antibody [WM53] IHC-Fr image

Immunohistochemistry: Frozen section of Human colon tissue stained with ARG65560 anti-CD33 antibody [WM53].



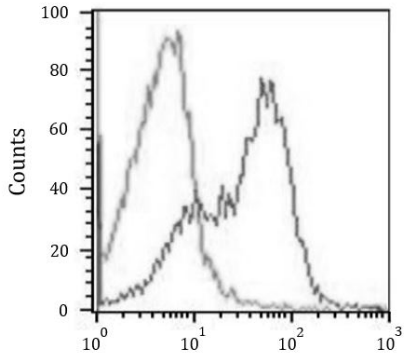
ARG65560 anti-CD33 antibody [WM53] CyTOF image

CyTOF: Human peripheral blood stained with ARG65560 anti-CD33 antibody [WM53] (149Sm). Singlet cells were gated for data analysis.



ARG65560 anti-CD33 antibody [WM53] FACS image

Flow Cytometry: Separation of Human CD33 positive Monocytes (red) from Human CD33 negative Lymphocytes (black-dashed). Human peripheral blood stained with ARG65560 anti-CD33 antibody [WM53], followed by incubation with APC labelled Goat anti-Mouse secondary antibody.



ARG65560 anti-CD33 antibody [WM53] FACS image

Flow Cytometry: PBMC stained with ARG65560 anti-CD33 antibody [WM53] at 0.5 µg/10^6 cells (right histogram) or isotype control (left histogram), followed by incubation with PE labelled secondary antibody.