abcam

Product datasheet

Anti-Sialoadhesin/CD169 antibody [7-239], prediluted (Phycoerythrin) ab200579

Overview

Product name	Anti-Sialoadhesin/CD169 antibody [7-239], prediluted (Phycoerythrin)
Description	Mouse monoclonal [7-239] to Sialoadhesin/CD169, prediluted (Phycoerythrin)
Host species	Mouse
Conjugation	Phycoerythrin. Ex: 488nm, Em: 575nm
Tested applications	**Suitable for:** Flow Cyt
Species reactivity	**Reacts with:** Human
Immunogen	Tissue, cells or virus corresponding to Human Sialoadhesin/CD169. Human rhinovirus 14-infected monocyte-derived dendritic cells.
Positive control	Human blood and blood cells.
General notes	This product was previously labelled as Sialoadhesin

Properties

Form	Prediluted
Storage instructions	Shipped at 4°C. Store at +4°C. Avoid freeze / thaw cycle. Store In the Dark.
Storage buffer	Preservative: 0.098% Sodium azide Constituents: 99% PBS, 0.2% BSA High grade protease free BSA
Purity	Size exclusion
Purification notes	ab200579 is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use.
Clonality	Monoclonal
Clone number	7-239
Isotype	IgG1

Applications

Our Abpromise guarantee covers the use of **ab200579** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 10µl for 10^6 cells. 10 µl / 100 µl of whole blood

Target

Function	Acts as an endocytic receptor mediating clathrin dependent endocytosis. Macrophage-restricted adhesion molecule that mediates sialic-acid dependent binding to lymphocytes, including granulocytes, monocytes, natural killer cells, B-cells and CD8 T-cells. Preferentially binds to alpha-2,3-linked sialic acid (By similarity). Binds to SPN/CD43 on T-cells (By similarity). May play a role in hemopoiesis.
Tissue specificity	Expressed by macrophages in various tissues. High levels are found in spleen, lymph node, perivascular macrophages in brain and lower levels in bone marrow, liver Kupffer cells and lamina propria of colon and lung. Also expressed by inflammatory macrophages in rheumatoid arthritis.
Sequence similarities	Belongs to the immunoglobulin superfamily. SIGLEC (sialic acid binding Ig-like lectin) family. Contains 16 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Secreted and Cell membrane.

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