

Product datasheet

Anti-CD300 α antibody [MEM-260], prediluted (PE)
ab64675

1 Image

Overview

Product name	Anti-CD300a antibody [MEM-260], prediluted (PE)
Description	Mouse monoclonal [MEM-260] to CD300a, prediluted (PE)
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	ab64675 reacts with CD300a.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD300a. (AAH32352)
General notes	This product was previously labelled as CD300 antigen

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.4 Preservative: 0.097% Sodium azide Constituents: PBS, 0.2% BSA
Purity	Size exclusion
Purification notes	The purified antibody (>95% by SDS-PAGE) 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	MEM-260
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab64675** 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
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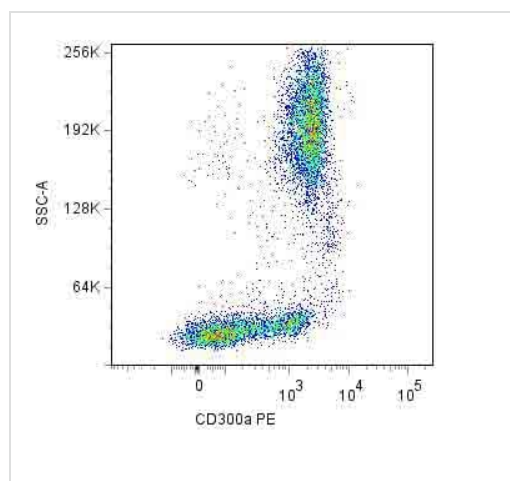
Flow Cyt		Use 20µl for 10 ⁶ cells. (or 100µl of whole blood).
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[ab91357](#) - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function	Inhibitory receptor which may contribute to the down-regulation of cytolytic activity in natural killer (NK) cells, and to the down-regulation of mast cell degranulation.
Tissue specificity	Expressed not only by natural killer (NK) cells but also by T-cell subsets, B-cells, dendritic cells, mast cells, granulocytes and monocytes.
Sequence similarities	Belongs to the CD300 family. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Post-translational modifications	Phosphorylated on tyrosine.
Cellular localization	Cell membrane.

Images



ab64675 at 20ul/100ul sample staining CD300a in human peripheral blood cells by Flow Cytometry.

Flow Cytometry - Anti-CD300a antibody [MEM-260], prediluted (Phycoerythrin) (ab64675)

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