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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CD300A monoclonal antibody, clone MEM-260

Catalog Number: MAB3834

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native CD300A.

Clone Name: MEM-260

Immunogen: Native purified CD300A from human HPB acute lymphoid leukaemia cell line.

Host: Mouse

Theoretical MW (kDa): 60

Reactivity: Human

Applications: Flow Cyt, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody reacts with CD300a, a 60 kDa leukocyte transmembrane glycoprotein expressed on human granulocytes, monocytes, neutrophils, NK cells, mast cells and dendritic cells, 25% of circulating T cells and 15% of circulating B cells.

Form: Liquid

Isotype: IgG1

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4 (0.09% sodium azide)

Storage Instruction: Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 11314

Gene Symbol: CD300A

Gene Alias: CMRF-35-H9, CMRF-35H, CMRF35H, CMRF35H9, IGSF12, IRC1, IRC2, IRp60

Gene Summary: The CMRF35 antigen (CMRF35A; MIM 606786), which was identified by reactivity with a monoclonal antibody, is present on monocytes, neutrophils, and some T and B lymphocytes. CMRF35H is recognized by the same antibody and is distinct from CMRF35 (Green et al., 1998 [PubMed 9701027]).[supplied by OMIM]

References:

1. The CD300a (IRp60) inhibitory receptor is rapidly up-regulated on human neutrophils in response to inflammatory stimuli and modulates CD32a (FcγRIIa) mediated signaling. Alvarez Y, Tang X, Coligan JE, Borrego F. Mol Immunol. 2008 Jan;45(1):253-8. Epub 2007 Jun 22.
2. Molecular analysis and solution structure from small-angle X-ray scattering of the human natural killer inhibitory receptor IRp60 (CD300a). Dimasi N, Roessle M, Moran O, Candiano G, Svergun DI, Biassoni R. Int J Biol Macromol. 2007 Feb 20;40(3):193-200. Epub 2006 Jul 26.
3. Abrogation of allergic reactions by a bispecific antibody fragment linking IgE to CD300a. Bachelet I, Munitz A, Levi-Schaffer F. J Allergy Clin Immunol. 2006 Jun;117(6):1314-20.