

Product Datasheet

CD300a/LMIR1 Antibody (MEM-260) - BSA Free NB110-58726

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB110-58726

CD300a/LMIR1 Antibody (MEM-260) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-260
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	60 kDa

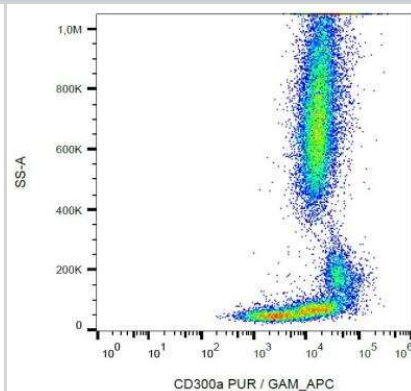
Product Description	
Host	Mouse
Gene ID	11314
Gene Symbol	CD300A
Species	Human
Specificity/Sensitivity	This antibody (clone MEM-260) reacts with CD300a, a 60 kDa leukocyte transmembrane glycoprotein expressed on human granulocytes, monocytes, neutrophils, NK cells, mast cells and dendritic cells, 25% of circulating T cells and 15% of circulating B cells.
Immunogen	HPB acute lymphoid leukemia cell line (NM_007261.2).

Product Application Details	
Applications	Western Blot, Flow Cytometry, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 2 ug/ml, CyTOF-ready
Application Notes	Western Blot: Resuspend approx. 50 mil. cells in 1 ml cold Lysis buffer (1% laurylmaltoside in 20 mM Tris/Cl, 100 mM NaCl pH 8.2, 50 mM NaF including Protease inhibitor Cocktail). Incubate 60 min on ice. Centrifuge to remove cell debris. Mix lysate with non-reducing SDS-PAGE sample buffer. Application note: Non-reducing conditions. This antibody is CyTOF ready.

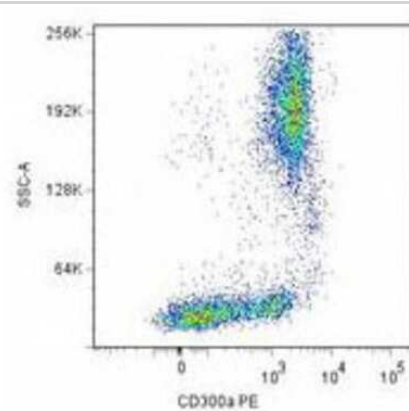


Images

Flow Cytometry: CD300a/LMIR1 Antibody (MEM-260) [NB110-58726] - staining of human peripheral blood cells with anti-CD300a (MEM-260) purified, GAM-APC.



Flow Cytometry: CD300a/LMIR1 Antibody (MEM-260) [NB110-58726] - Surface staining of human peripheral blood cells with anti-CD300a (MEM-260) PE.



Publications

Larsen LF, Juel-Berg N, Hansen A et al. No difference in human mast cells derived from peanut allergic versus non-allergic subjects Immun Inflamm Dis. 2018-12-06 [PMID: 29992767] (FLOW, Human)

Details:

Citation using the Alexa Fluor 647 form of this antibody.



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Products Related to NB110-58726

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB110-58726AF405	CD300a/LMIR1 Antibody (MEM-260) [Alexa Fluor® 405]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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