

Anti-CD300A Reference Antibody (U.Tsukuba patent anti-CD300A)

Catalog # APR11377

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q9UGN4
Reactivity	Human
Clonality	Monoclonal
Isotype	mIgG1
Calculated MW	33201

Additional Information

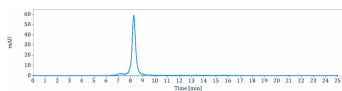
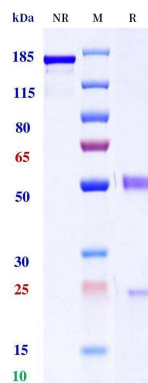
Target/Specificity	CD300A
Expression system	CHO

Protein Information

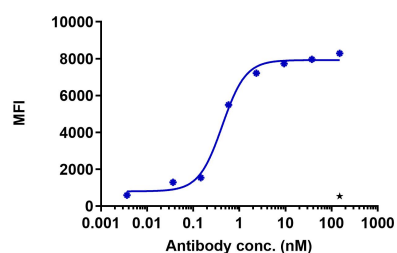
Name	CD300A
Synonyms	CMRF35H, IGSF12
Function	Inhibitory receptor which may contribute to the down- regulation of cytolytic activity in natural killer (NK) cells, and to the down-regulation of mast cell degranulation (PubMed: 10746781 , PubMed: 16339535 , PubMed: 9701027). Negatively regulates the Toll-like receptor (TLR) signaling mediated by MYD88 but not TRIF through activation of PTPN6 (PubMed: 22043923).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed not only by natural killer (NK) cells but also by T-cell subsets, B-cells, dendritic cells, mast cells, granulocytes and monocytes.

Images

Anti-CD300A Reference Antibody (U.Tsukuba patent anti-CD300A) on SDS-PAGE under reducing (R) condition.
The purity of the protein is greater than 95%.



The purity of Anti-CD300A Reference Antibody (U.Tsukuba patent anti-CD300A) is 95.27%, determined by SEC-HPLC.



PLVX-puro-CD300A-FL cell line were stained with U.Tsukuba patent anti-CD300A and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 0.426 nM.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.