

CD300A

Mouse Anti-Human CD300a Clone MEM-260 PE mAb

Catalog No.	CMC412	Quantity:	100 tests
Description:	<p>Mouse Anti-human CD300a Clone MEM-260 Monoclonal Antibody conjugated to R-PE. CD300a (CMRF-35H, IRp60) is a non-MHC-specific inhibitory receptor of immunoglobulin superfamily, which contains three immunoreceptor tyrosine-based inhibitory motifs (ITIMs) that associate with SH2-containing phosphatases SHP-1 and SHP-2. CD300a is expressed on many cell types including T cells, NK cells, neutrophils, eosinophils or mast cells. Its triggering inhibits activating signals such as those of IL5, GM-CSF or eotaxin, as well as suppresses mast cell degranulation or NK cell cytotoxic activity.</p>		
Gene ID:	11314		
Purity:	The conjugate is purified by size-exclusion chromatography.		
Specificity:	<p>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.</p>		
Host:	Mouse		
Immunogen:	HPB human acute lymphoid leukemia cell line		
Isotype:	IgG1		
Clone:	MEM-260		
Formulation:	Liquid in phosphate buffered saline (PBS) containing 15 mM sodium azide + 0.2% (w/v) BSA as a stabilizing agent.		
Applications:	<p>Flow Cytometry for analysis of human blood cells: working dilution of 20 µl reagent per 100 µl whole blood or 10⁶ cells in a suspension. The content of a vial (2.0 ml) is sufficient for 100 tests. The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	Store in the dark at 2-4°C. Do not freeze. Avoid prolonged exposure to light. When stored as instructed, product is stable for one year.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

