

Product datasheet for **AM26758PU-N**

CD300E Mouse Monoclonal Antibody [Clone ID: UP-H2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	UP-H2
Applications:	FC, FN, IP, WB
Recommended Dilution:	Flow cytometry. Immunoprecipitation. Western blot. Functional application: stimulation.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	CD300e-HA-transfected cells
Specificity:	This antibody recognizes CD300e / IREM-2, a 32 kDa glycoprotein expressed by mature monocytes and peripheral blood myeloid dendritic cells.
Formulation:	Phosphate buffered saline (PBS) State: Purified State: Liquid Ig fraction Preservative: 15 mM sodium azide, approx. pH 7.4
Concentration:	lot specific
Purification:	Protein-A affinity chromatography (> 95% pure by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	CD300e molecule
Database Link:	Entrez Gene 342510 Human Q496F6



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Background:

CD300e / IREM-2 (immune receptor expressed by myeloid cells 2), also known as CLM2 or LMIR6, is a monomeric transmembrane glycoprotein with a single extracellular immunoglobulin-like domain. Intracellularly it associates with DAP-12, an ITAM-containing adaptor molecule. CD300e is expressed on mature monocytes and peripheral blood myeloid dendritic cells. Its crosslinking leads to release of pro-inflammatory cytokines, and increased expression of activation markers.

Synonyms:

CLM-2, CD300LE, CLM2, IREM2, CMRF35-A5