

## 30-1525: Anti-CD300e / IREM-2 Monoclonal Antibody (Clone:UP-H2) Purified

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	UP-H2
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD300E
<b>Gene ID :</b>	342510
<b>Uniprot ID :</b>	Q496F6
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CD300E,CD300LE,CLM2,CMRF35A5,IREM2
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	CD300e-HA-transfected cells

### Description

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.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

### Application Note

**Flow Cytometry Immunoprecipitation Western Blotting Functional Application** stimulation

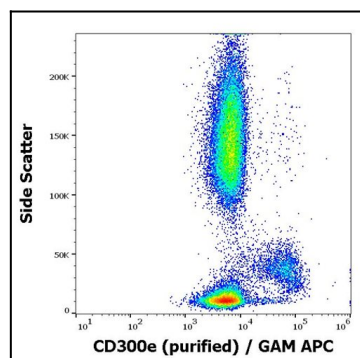


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD300e (UP-H2) purified antibody (GAM APC)

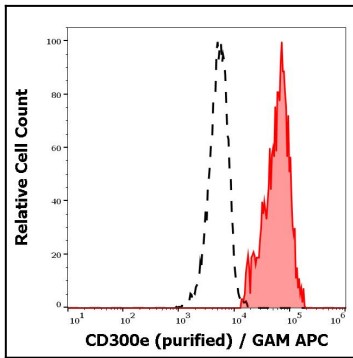


Figure 2: Separation of human monocytes (red-filled) from CD300e negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood using anti-human CD300e (UP-H2) purified antibody (GAM APC).