

Product Datasheet

CD300e Antibody (Biotin) (orb2704160)

Catalog Number	orb2704160
Category	Antibodies
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.
Target	CD300e
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Conjugation	Biotin
Reactivity	Human
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.
Immunogen	CD300e-HA-transfected cells
UniProt ID	Q496F6
Tested applications	FC, IP, WB
Application notes	Flow cytometry: Recommended dilution: 1-5 µg/ml.

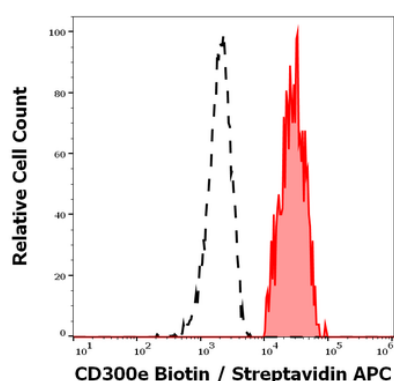
Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44201223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

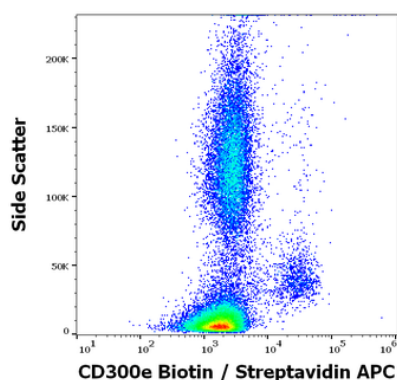
Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+14159065211) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

Clone Number	UP-H2
Storage	Store at 2-8°C. Do not freeze.
Note	For research use only
Entrez	342510
Expiration Date	12 months from date of receipt.



Separation of human monocytes (red-filled) from lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD300e (UP-H2) biotin antibody (concentration in sample 0.56 µg/ml, Streptavidin APC).



Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD300e (UP-H2) biotin antibody (concentration in sample 0.56 µg/ml, Streptavidin APC).

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Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)