

Anti-CD300d Antibody

Catalog # AP53291

Product Information

Application	WB, IHC
Primary Accession	Q6UXZ3
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21558

Additional Information

Gene ID	100131439
Other Names	CD300D; CMRF35A4; CMRF35-like molecule 4; CLM-4; CD300 antigen-like family member D; CMRF35-A4; CD300d
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD300d. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

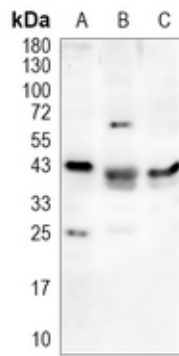
Protein Information

Name	CD300LD
Cellular Location	Cell membrane; Single-pass type I membrane protein Note=Cell surface localization requires the ITAM-bearing Fc receptor FCER1G to overcome ER retention
Tissue Location	Expression seems restricted to cells of myeloid lineage.

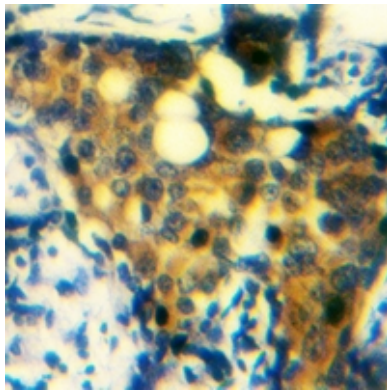
References

Martinez-Barriocanal A.,et al.Submitted (NOV-2006) to the EMBL/GenBank/DDBJ databases.
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Comas-Casellas E.,et al.J. Biol. Chem. 287:9682-9693(2012).
Speckman R.A.,et al.Hum. Genet. 112:34-41(2003).

Images



Western blot analysis of CD300d expression in MG63 (A), mouse muscle (B), rat muscle (C) whole cell lysates. (Predicted band size: 21 kD; Observed band size: 40-43 kD)



Immunohistochemical analysis of CD300d staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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