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Product Data Sheet

Anti-CD300d Antibody

Catalog #	Source	Reactivity	Applications
CPA5048	Rabbit	H, M	WB, IH

Description	Rabbit polyclonal antibody to CD300d
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD300d. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of CD300d protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100)
Gene Symbol	CD300LD
Alternative Names	CD300D; CMRF35A4; CMRF35-like molecule 4; CLM-4; CD300 antigen-like family member D; CMRF35-A4; CD300d
Entrez Gene	100131439 (Human)
SwissProt	Q6UXZ3 (Human)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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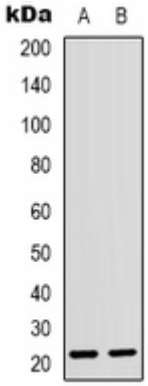
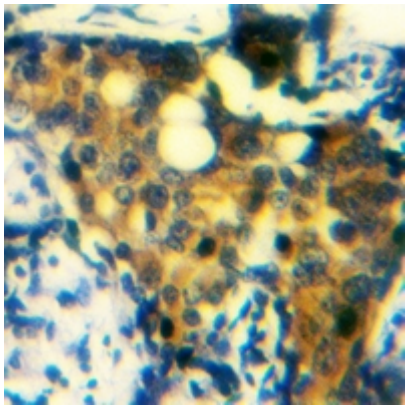


Western blot analysis of CD300d expression in U2OS (A), NIH3T3 (B) whole cell lysates. (Predicted band size: 21 kD; Observed band size: 22 kD)



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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