

## CD300b Rabbit pAb

CatalogNo: YT5949

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- IHC, IF, ELISA

#### Isotype

- IgG

### Recommended Dilution Ratios

IHC 1:50-200

ELISA 1:10000-20000

IF 1:50-200

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthetic peptide from human protein at AA range: 61-110

**Specificity** The antibody detects endogenous CD300b

### Target Information

**Gene name** CD300LB CD300B CLM7 CMRF35A2 IREM3 LMIR5 TREM5 UNQ2530/PRO6029

**Protein Name** CMRF35-like molecule 7 (CLM-7) (CD300 antigen-like family member B) (CMRF35-A2) (Immune receptor expressed on myeloid cells 3) (IREM-3) (Leukocyte mono-Ig-like receptor 5) (Triggering receptor expressed on myeloid cells 5) (TREM-5) (CD antigen CD300b)

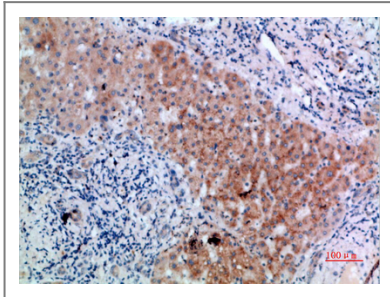
Organism	Gene ID	UniProt ID
Human	<a href="#">124599</a> ;	<a href="#">A8K4G0</a> ;
Mouse	<a href="#">217304</a> ;	<a href="#">Q3U497</a> ;

**Cellular Localization** Cell membrane ; Single-pass type I membrane protein .

**Tissue specificity** Expressed exclusively in myeloid lineages.

**Function** Function:Acts as an activating immune receptor through its interaction with ITAM-bearing adapter TYROBP, and also independently by recruitment of GRB2.,PTM:Phosphorylation on Tyr-188 by FYN is required for interaction with GRB2.,similarity:Belongs to the CD300 family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with TYROBP, which enhances cell surface expression and activation properties. Interacts with GRB2 in the presence of FYN.,tissue specificity:Expressed exclusively in myeloid lineages.,

## Validation Data



Immunohistochemical analysis of paraffin-embedded human-liver-cancer, antibody was diluted at 1:200

## Contact information

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