

## CD320 Rabbit pAb

CatalogNo: YN0171

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse, Rat

**Applications**

- WB, ELISA

**MW**

- 31kD (Observed)

**Isotype**

- IgG

### 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.

### Recommended Dilution Ratios

**WB 1:500-2000****ELISA 1:5000-20000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human protein . at AA range: 100-180**Specificity** CD320 Polyclonal Antibody detects endogenous levels of protein.

### Target Information

**Gene name** CD320 8D6A UNQ198/PRO224

**Protein Name** CD320 antigen (8D6 antigen) (FDC-signaling molecule 8D6) (FDC-SM-8D6) (Transcobalamin receptor) (TCbIR) (CD antigen CD320)

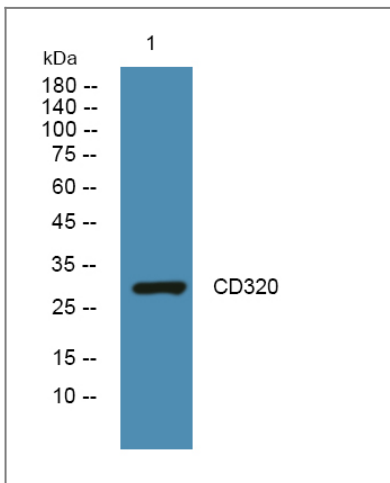
| Organism | Gene ID                 | UniProt ID               |
|----------|-------------------------|--------------------------|
| Human    | <a href="#">51293</a> ; | <a href="#">Q9NPF0</a> ; |
| Mouse    |                         | <a href="#">Q9Z1P5</a> ; |
| Rat      |                         | <a href="#">Q5HZW5</a> ; |

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

**Tissue specificity** Detected in the germinal center (GC) of lymphoid follicles (at protein level) (PubMed:11418631). Expressed abundantly on follicular dendritic cells (FDCs) (PubMed:10727470).

**Function** Function:Germinal center-B (GC-B) cells differentiate into memory B-cells and plasma cells (PC) through interaction with T-cells and follicular dendritic cells (FDC). CD320 augments the proliferation of PC precursors generated by IL-10. Receptor for the cellular uptake of transcobalamin bound cobalamin.,similarity:Contains 2 LDL-receptor class A domains.,tissue specificity:Expressed abundantly on follicular dendritic cells (FDCs),,

## Validation Data



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night

## Contact information

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