

## Anti-CD320 antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to CD320
<b>Model</b>	STJ190275
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human CD320 protein.
<b>Immunogen Region</b>	100-180aa
<b>Gene ID</b>	<a href="#">51293</a>
<b>Gene Symbol</b>	<a href="#">CD320</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	CD320 Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Detected in the germinal center (GC) of lymphoid follicles (at protein level) . Expressed abundantly on follicular dendritic cells (FDCs) .
<b>Purification</b>	CD320 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	CD320 antigen 8D6 antigen FDC-signaling molecule 8D6 FDC-SM-8D6 Transcobalamin receptor TCblR CD antigen CD320
<b>Molecular Weight</b>	31 kDa
<b>Clonality</b>	Polyclonal

<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:16692OMIM:606475</a>
<b>Alternative Names</b>	CD320 antigen 8D6 antigen FDC-signaling molecule 8D6 FDC-SM-8D6 Transcobalamin receptor TCblR CD antigen CD320
<b>Function</b>	Receptor for transcobalamin saturated with cobalamin (TCbl) . Plays an important role in cobalamin uptake . Plasma membrane protein that is expressed on follicular dendritic cells (FDC) and mediates interaction with germinal center B cells . Functions as costimulator to promote B cell responses to antigenic stimuli; promotes B cell differentiation and proliferation . 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 .
<b>Cellular Localization</b>	Cell membrane

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