



CD320 Monoclonal Antibody

Catalog No	YP-mAb-05046
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CD320 8D6A UNQ198/PRO224
Immunogen	Synthesized peptide derived from human protein . at AA range: 100-180
Specificity	CD320 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	8D6;8D6A;FDC-signaling molecule 8D6;FDC-SM-8D6;TCbIR;CD320;CD320 8D6A UNQ198/PRO224;CD320 antigen (8D6 antigen) (FDC-signaling molecule 8D6) (FDC-SM-8D6) (Transcobalamin receptor) (TCbIR) (CD antigen CD320)
Observed Band	31kD
Calculated Molecular Weight	31kD
Cell Pathway	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).,



Background

This gene encodes the transcobalamin receptor that is expressed at the cell surface. It mediates the cellular uptake of transcobalamin bound cobalamin (vitamin B12), and is involved in B-cell proliferation and immunoglobulin secretion. Mutations in this gene are associated with methylmalonic aciduria. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2011],

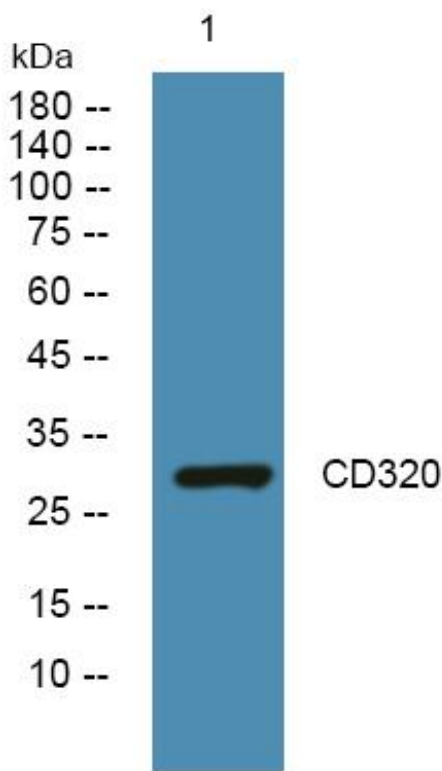
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CD320 Monoclonal Antibody