



Anti-CD320 (aa 255-282) polyclonal antibody (DPABH-17759)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	fragment corresponding to C terminal amino acids 255-282 (AQERLRPLGLLVAMKESLLLSEQKTSNP) of Human CD320.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	CD320 CD321 molecule [Homo sapiens]
Official Symbol	CD320
Synonyms	CD320; CD320 molecule; 8D6; 8D6A; TCBLR; CD320 antigen; FDC-SM-8D6; 8D6 antigen; transcobalamin receptor; FDC-signaling molecule 8D6;
Entrez Gene ID	51293
Protein Refseq	NP_001159367.1
UniProt ID	Q9NPF0
Pathway	Cobalamin (Cbl, vitamin B12) transport and metabolism; Defective BTB causes biotinidase deficiency; Defective CUBN causes hereditary megaloblastic anemia 1; Defective HLCS causes multiple carboxylase deficiency
Function	cobalamin binding; growth factor activity;