

Recombinant human CD320 antigen

Catalog No: #AP72118



Package Size: #AP72118-1 20ug #AP72118-2 100ug #AP72118-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human CD320 antigen
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:36-231aaSequence Info:Partial
Other Names	8D6 antigenFDC-signaling molecule 8D6 ;FDC-SM-8D6Transcobalamin receptor ;TCbIR;; CD320
Accession No.	Q9NPF0
Uniprot	Q9NPF0
GeneID	51293;
Calculated MW	47.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	SPLSTPTSAQAAGPSSGSCPPTKFQCRTSGLCVPLTWRCRDLDCSDGSDEEECRIEPTQKGQCPPPPGL PCPCTGVSDCSGGTDKCLRNCRLACLAGELRCTLSDDCIPLTWRCDGHPDCPDSSDELGCGTNEILPEGDA TTMGPPVTLESVTLRNATTMGPPVTLESVPSVGNATSSSAGDQSGSPTAYGV
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Germinal center-B (GC-B) cells differentiate into mory 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.

References

Identification of a human follicular dendritic cell molecule that stimulates germinal center B cell growth.Li L., Zhang X., Kovacic S., Long A.J., Bourque K., Wood C.R., Choi Y.S.J. Exp. Med. 191:1077-1084(2000)Research Topic:Immunology

Note: This product is for in vitro research use only