Anti human CD320/TCb1R/8D6A Antibody

ORDERING INFORMATION

Catalog Number: AF1557

Lot Number: JDJ01

Size: 100 μg

Formulation: 0.2 μm filtered solution in PBS with 5% trehalose

Storage: -20° C

Reconstitution: sterile PBS

Specificity: human CD320

Immunogen: NS0-derived rhCD320 extracellular domain

Ig Type: human CD320 extracellular domain specific goat IgG

Applications: Western blot
Direct ELISA

Preparation
Produced in goats immunized with purified, NS0-derived, recombinant human CD320 (rhCD320) extracellular domain. Human CD320 specific IgG was purified by human CD320 affinity chromatography. CD320 is a Type I membrane protein expressed by follicular dendritic cells. It shares significant homology to low density lipoprotein receptor (LDL-R) and has been shown to stimulate germinal center B cell growth.

Formulation
Lyophilized from a 0.2 μm filtered solution in phosphate-buffered saline (PBS) with 5% trehalose.

Reconstitution
Reconstitute with sterile PBS. If 1 mL of PBS is used, the antibody concentration will be 0.1 mg/mL.

Storage
Lyophilized samples are stable for twelve months from date of receipt when stored at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity
This antibody has been selected for its ability to recognize human CD320 in direct ELISAs and Western blots.

Applications
Western blot - This antibody can be used at 0.1 - 0.2 μg/mL with the appropriate secondary reagents to detect human CD320. The detection limit for rhCD320 is approximately 1 ng/lane under non-reducing and reducing conditions.

Direct ELISA - This antibody can be used at 0.5 - 1.0 μg/mL with the appropriate secondary reagents to detect human CD320. The detection limit for rhCD320 is approximately 0.1 ng/well.

Optimal dilutions should be determined by each laboratory for each application.

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