



ORDERING INFORMATION

Catalog Number: BAF432

Lot Number: CLQ02

Size: 50 µg

Formulation: 0.2 µm filtered solution in PBS

Storage: -20° C

Reconstitution: sterile 0.1% BSA in TBS

Specificity: mouse EphB3

Immunogen: NS0-derived rmEphB3
extracellular domain

Ig Type: mouse EphB3 extracellular domain
specific goat IgG

Applications: Western blot

Biotinylated Anti-mouse EphB3 Antibody

Preparation

Produced in goats immunized with purified, NS0-derived, recombinant mouse EphB3 (rmEphB3) extracellular domain. EphB3 specific IgG was purified by EphB3 affinity chromatography and then biotinylated.

Formulation

Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.

Reconstitution

Reconstitute with sterile Tris-buffered saline pH 7.3 (20 mM Trizma base, 150 mM NaCl) containing 0.1% BSA. If 1 mL of buffer is used, the antibody concentration will be 50 µg/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 use as a detection antibody in mouse EphB3 western blots. In western blots, this antibody shows 1% cross-reactivity with rrEphB1, rmEphB2, rmEphB4, rmEphB6 and rmEphA4.

Application

Western Blot - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse EphB3. The detection limit for rmEphB3 is approximately 5 ng/lane under non-reducing and reducing conditions.

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