



Biotinylated Anti-mouse EphA7 Antibody

ORDERING INFORMATION

Catalog Number: BAF608

Lot Number: COF02

Size: 50 µg

Formulation: 0.2 µm filtered solution in PBS

Storage: -20° C

Reconstitution: sterile 0.1% BSA in TBS

Specificity: rmEphA7

Immunogen: NS0-derived rmEphA7
extracellular domain

Ig Type: mouse EphA7 extracellular domain
specific goat IgG

Application: Western blot

Preparation

Produced in goats immunized with purified, NS0-derived, recombinant mouse EphA7 (rmEphA7) extracellular domain. EphA7 specific IgG was purified by mouse EphA7 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 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 greater than six months when held at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 4° C for at least 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C for at least 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 EphA7 western blots. In western blots, this antibody shows less than 2% cross-reactivity with rmEphA2, rmEphA3, rmEphA4, rrEphB1, rmEphB2, rmEphB3, rmEphB4 and rmEphB6.

Application

Western Blot - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse EphA7. The detection limit for rmEphA7 is approximately 2 ng/lane under non-reducing and reducing conditions.

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