



Biotinylated Anti-EDAR Antibody

ORDERING INFORMATION

Catalog Number: BAF745

Lot Number: ERQ01

Size: 50 µg

Formulation: 0.2 µm filtered solution in PBS
with BSA

Storage: -20° C

Reconstitution: sterile 0.1% BSA in TBS

Specificity: rmEDAR, rhEDAR

Immunogen: NS0-derived mouse EDAR
extracellular domain

Ig Type: EDAR extracellular domain specific
goat IgG

Application: Western blot

Preparation

Produced in goats immunized with purified, NS0-derived, recombinant mouse ectodysplasin-A receptor (rmEDAR) extracellular domain. EDAR specific IgG was purified by mouse EDAR 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 and human EDAR extracellular domain western blots.

Application

Western Blot - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse and human EDAR. The detection limit for rmEDAR and rhEDAR is approximately 0.5 ng/lane and 5 ng/lane under non-reducing and reducing conditions, respectively.

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