Biotinylated Anti-mouse OX40/TNFRSF4 Antibody

ORDERING INFORMATION

Catalog Number: BAF1256

Lot Number: HYD01

Size: 50 µg

Formulation: 0.2 µm filtered solution in PBS with BSA

Storage: -20° C

Reconstitution: sterile 0.1% BSA in TBS

Specificity: mouse OX40

Immunogen: NS0-derived rmOX40 extracellular domain

Ig Type: goat IgG

Application: Western blot

Preparation
Produced in goats immunized with purified, NS0-derived, recombinant mouse OX40 (rmOX40) extracellular domain. Mouse OX40 specific IgG was purified by mouse OX40 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 OX40 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 OX40. The detection limit for rmOX40 is approximately 1 ng/lane under non-reducing and reducing conditions. In this format, this antibody shows less than 1% cross-reactivity with rm4-1BB, rmCD27, rmCD30, rmCD40, rmDR3, rmEDAR, rmFas, rmGITR, rmOPG, rmRANK, rmTNF RI and rmTNF RII.

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

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