



Biotinylated Anti-mouse DcTRAIL R1/TNFRSF23 Antibody

ORDERING INFORMATION

Catalog Number: BAM2378

Clone: 270012

Lot Number: XXT01

Size: 100 µg

Formulation: 0.2 µm filtered solution in PBS with BSA

Storage: -20° C

Reconstitution: sterile PBS

Specificity: mouse DcTRAIL R1

Immunogen: NS0-derived rmDcTrail R1 extracellular domain

Ig class: rat IgG_{2a}

Recommended Application:
Immunohistochemistry

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a rat immunized with purified, NS0-derived, recombinant mouse Decoy TRAIL Receptor 1 (rmDcTRAIL R1; aa 30 - 156) extracellular domain. The IgG fraction of the tissue culture supernatant was purified by Protein G affinity chromatography. DcTRAIL R1 exists in two isoforms resulting in a transmembrane and secreted protein. DcTRAIL R1 functions as a decoy receptor for TRAIL and does not transmit apoptotic signals.

Formulation

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

Reconstitution

Reconstitute with sterile PBS. If 0.2 mL of PBS is used, the antibody concentration will be 500 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 detects mouse DcTRAIL R1 in direct ELISAs.

Applications

Immunohistochemistry - This antibody was used at a concentration of 25 µg/mL with appropriate secondary reagents to detect mouse DcTRAIL R1 in frozen mouse Thymus tissue sections.

For immunohistochemistry images, please refer to our website at
<http://www.rndsystems.com/go/ihc>.

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