

Biotin Antibody- sodium azide free

Catalog No: tcna275saf



Available Sizes

Size: 100ug



Specifications

Application:

WB, IHC-P, FACS, IF, CM

Species Reactivity:

All species

Host Species:

Mouse

Immunogen / Amino acids:

Biotinylated sheep immunoglobulin was used as the immunogen for this Biotin antibody.

Conjugation:

Unconjugated

Clonality:

Monoclonal

Clones:

Hyb-8

Isotype:

Mouse IgG1

Form:

Liquid

Storage Buffer:

1 mg/ml in 1X PBS; BSA free, sodium azide free

Concentration:

1 mg/ml

Recommended Dilution:

IHC (FFPE): 0.5-1ug/ml for 30 minutes at RT (1)

FACS: 0.5-1ug/million cells

IF: 0.5-1ug/ml

In situ Nucleic Acid Hybridization

WB: 2-5ug/ml

Confocal Microscopy

The concentration stated for each application is a general starting point. Variations in protocols secondaries and substrates may require the mAb to be titered up or down for optimal performance.

1. No special pretreatment is required for the immunohistochemical staining of formalin-fixed paraffin-embedded tissues.

Storage Instruction:

Store the Biotin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

SwissProt:

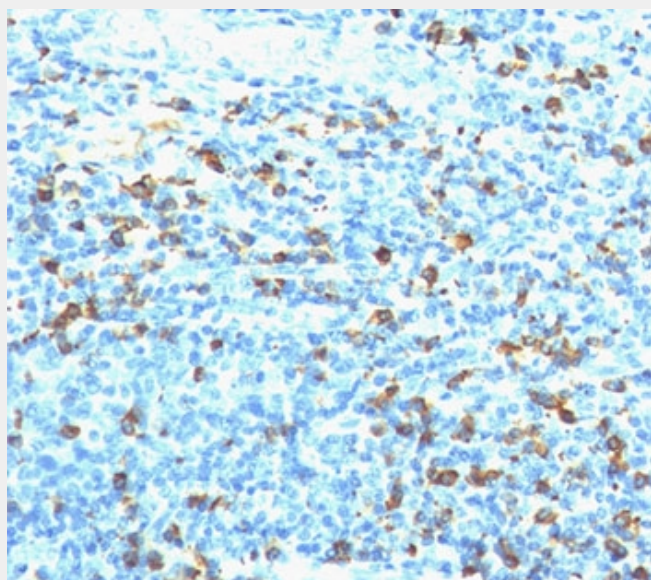
Not Applicable

References

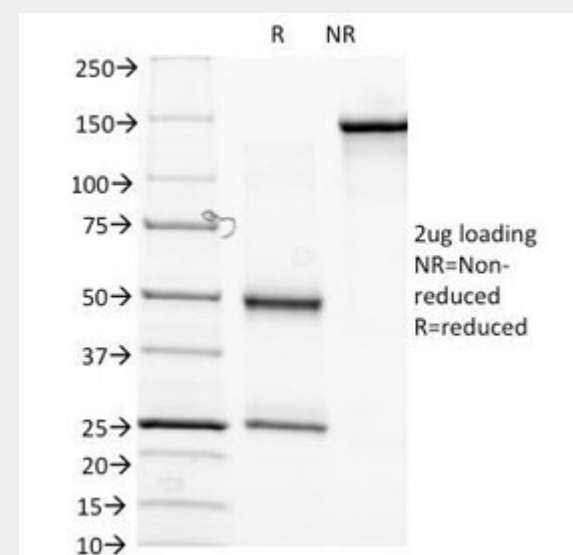
Protein G affinity chromatography

Product Description

This antibody recognizes both the free and protein-conjugated (either soluble or cell bound) form of biotin. The mAb is highly specific to biotin and shows no cross-reaction with other structurally related compounds. It has a very high affinity and is excellent for use in various amplification techniques. In some applications, localization of biotinylated probes with avidin produces unacceptably high background staining. Biotin antibody may be substituted to decrease this noise.



IHC staining of human tonsil with biotinylated lambda light chain antibody followed by anti-Biotin antibody (Hyb-8). Note cell membrane & cytoplasmic staining.



SDS-PAGE Analysis of Purified, BSA-Free Biotin Antibody (clone Hyb-8). Confirmation of Integrity and Purity of the Antibody.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!