



[Go to Product page](#)

Datasheet for ABIN6941338

## anti-Biotin antibody

### 2 Images

#### Overview

Quantity:	100 µg
Target:	Biotin
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Biotin antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunostaining (ISt), Confocal Microscopy (CM)

#### Product Details

Immunogen:	Biotinylated sheep immunoglobulin
Clone:	Hyb-8
Isotype:	IgG1 kappa
Specificity:	It recognizes both the free and protein-conjugated (either soluble or cell bound) form of biotin. This MAb is highly specific to biotin and shows no cross-reaction with other structurally related compounds. It has a very high affinity for biotin and is excellent for use in various amplification techniques. In some applications, localization of biotinylated probes with avidin produces unacceptably high background staining. Anti-biotin antibody may be substituted to decrease this noise.
Purification:	Purified by Protein A/G

## Target Details

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Target:	Biotin
Alternative Name:	Biotin (Vitamin B7 or Vitamin H) ( <a href="#">Biotin Products</a> )
Target Type:	Chemical
Molecular Weight:	244Da

## Application Details

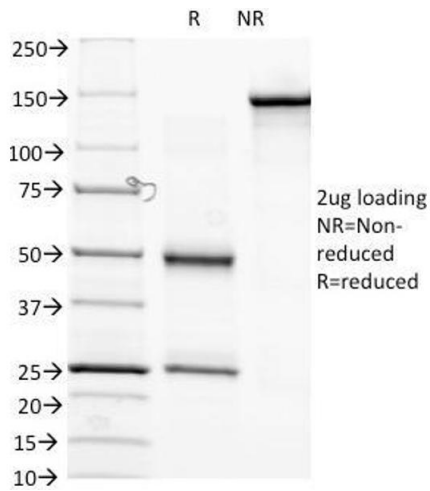
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Application Notes:	Positive Control: Biotinylated proteins in solution or on tissues. Known Application: Confocal Microscopy, Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µg/mL), In situ Nucleic Acid Hybridization, Western Blot, Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 minutes at RT) (No special pretreatment is required for the immunohistochemical staining of formalin-fixed, paraffin-embedded tissues.)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

## Handling

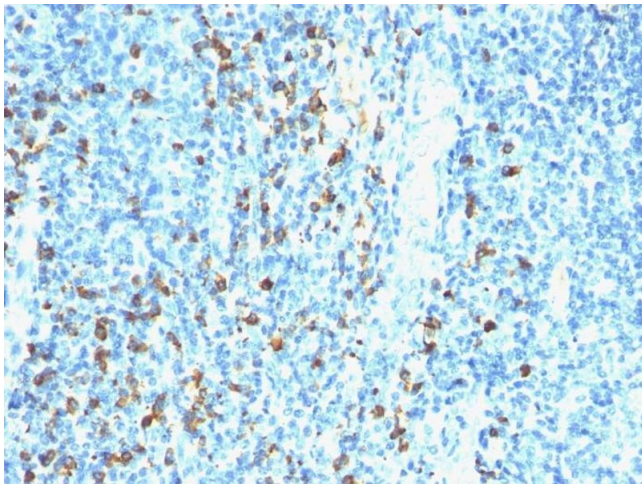
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Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis of Purified anti-Biotin Mouse Monoclonal antibody (Hyb-8). Confirmation of Integrity and Purity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Tonsil stained with Biotinylated Lambda Light Chain probe followed by Anti-Biotin Mouse Monoclonal Antibody (Hyb-8).