Datasheet for ABIN6941455

# Recombinant anti-Biotin antibody

## 2 Images

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## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | Biotin |
| Reactivity: | Please inquire |
| Host: | Rabbit |
| Antibody Type: | Recombinant Antibody |
| Clonality: | Monoclonal |
| Conjugate: | This Biotin antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), Immunostaining (ISt) |

## Product Details

| | |
|---|---|
| Immunogen: | Biotinylated sheep immunoglobulin |
| Clone: | BTN-2032R |
| Isotype: | IgG |
| 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. |

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## Target Details

| | |
|---|---|
| Target: | Biotin |
| Alternative Name: | Biotin (Vitamin B7 or Vitamin H) (Biotin Products) |
| Target Type: | Chemical |
| Molecular Weight: | 244Da |

## Application Details

| | |
|---|---|
| Application Notes: | Positive Control: Biotinylated proteins in solution or on tissues.<br>Known Application: In situ Nucleic Acid Hybridization, 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

| | |
|---|---|
| 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 |

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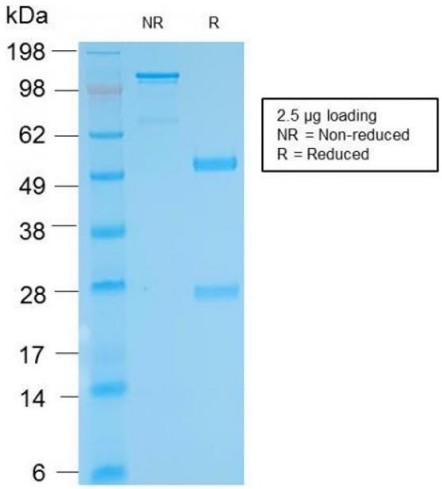
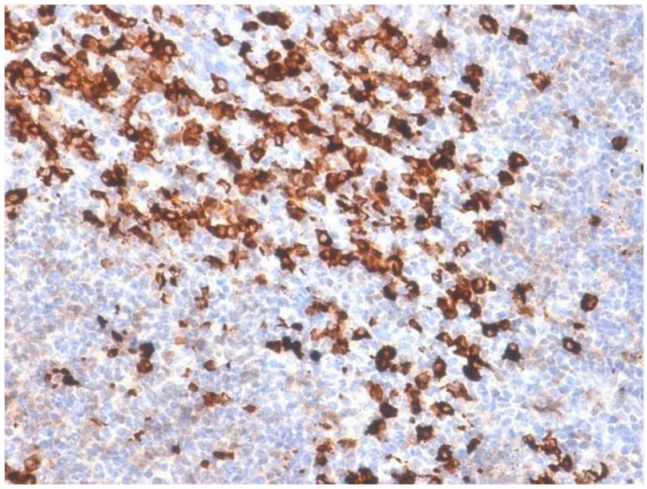



## SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified anti-biotin Rabbit Recombinant Monoclonal antibody (BTN/2032R). Confirmation of Purity and Integrity of Antibody.



## Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded Tonsil stained with biotinylated Kappa Light Chain probe followed by anti-biotin Rabbit Recombinant Monoclonal antibody (BTN/2032R).

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