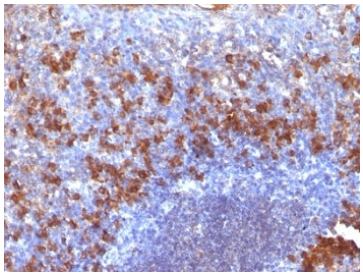
# Anti-Biotin Antibody [clone SPM375] (V9113)

| Catalog No. | Formulation | Size |
|---|---|---|
| V9113-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V9113-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V9113SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Biotin |
| **Format** | Purified |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG1, kappa |
| **Clone Name** | SPM375 |
| **Purity** | Protein G affinity chromatography |
| **UniProt** | Not Applicable |
| **Localization** | target location |
| **Applications** | Flow Cytometry : 1-2ug/10^6 cells<br>Immunofluorescence : 1-2ug/ml<br>Western Blot : 1-2ug/ml<br>Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT |
| **Limitations** | This anti-Biotin antibody is available for research use only. |



IHC: Formalin-fixed, paraffin-embedded human tonsil stained with biotinylated Lambda Light Chain Ab probe followed by anti-Biotin antibody (SPM375).

## Description

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.

## Application Notes

The optimal dilution of the anti-Biotin antibody for each application should be determined by the researcher.

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

## Immunogen

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

## Storage

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


Copyright © NSJ Bioreagents. All rights reserved.