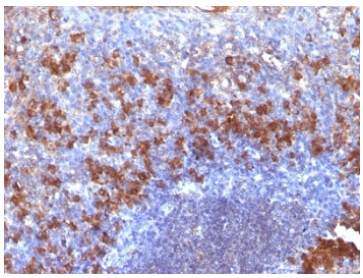
Anti-Biotin Antibody [clone SPM375] (V9113)

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
Host	Mouse
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 Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml 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).