

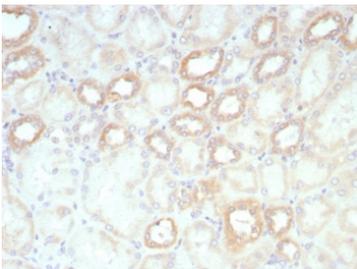
## Biotin Antibody [clone rBTN/8819] (V5320)

Catalog No.	Formulation	Size
V5320-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5320-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5320SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

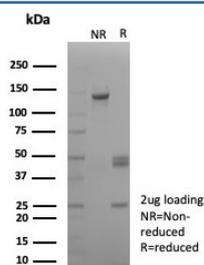
Recombinant **MOUSE MONOCLONAL**

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	All species
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Recombinant Mouse Monoclonal
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	rBTN/8819
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	Not Applicable
<b>Applications</b>	Flow Cytometry : 0.5-1ug/million cells Immunofluorescence : 0.5-1ug/ml Western Blot : 0.5-2ug/ml Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 minutes at RT
<b>Limitations</b>	This Biotin antibody is available for research use only.



IHC staining of FFPE human kidney tissue with biotinylated Lambda Light Chain antibody probe followed by Biotin antibody (clone rBTN/8819).



SDS-PAGE analysis of purified, BSA-free Biotin antibody (clone rBTN/8819) as confirmation of integrity and purity.

## 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

Optimal dilution of the Biotin antibody should be determined by the researcher.

## Immunogen

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

## Storage

Aliquot the Biotin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.