

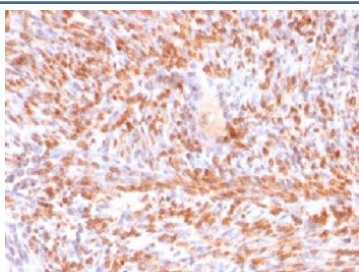
## Recombinant Calponin Antibody [clone rCNN1/832] (V3772)

Catalog No.	Formulation	Size
V3772-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3772-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3772SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3772IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

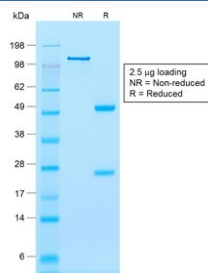
Recombinant **MOUSE MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rCNN1/832
Purity	Protein G affinity chromatography
UniProt	P51911
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-2ug/10 <sup>6</sup> cells Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 min at RT
Limitations	This recombinant Calponin antibody is available for research use only.



IHC testing of FFPE human uterus stained with recombinant Calponin antibody (clone rCNN1/832). Required HIER: boil tissue sections in 1mM EDTA, pH 7.5-8.5, for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free recombinant Calponin antibody (clone rCNN1/832) as confirmation of integrity and purity.

## Description

Calponin is a calmodulin, F-actin and tropomyosin binding protein which is thought to be involved in the regulation of smooth muscle contraction.

## Application Notes

Optimal dilution of the recombinant Calponin antibody should be determined by the researcher.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Recombinant human protein was used as the immunogen for the recombinant Calponin antibody.

## Storage

Store the recombinant Calponin antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).