

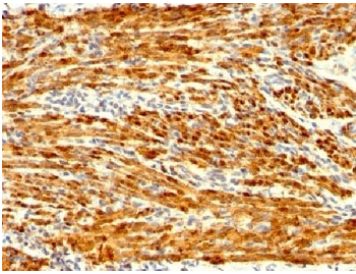
Recombinant Calponin Antibody / Rabbit Monoclonal [clone CNN1/1408R] (V7248)

Catalog No.	Formulation	Size
V7248-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7248-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7248SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7248IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

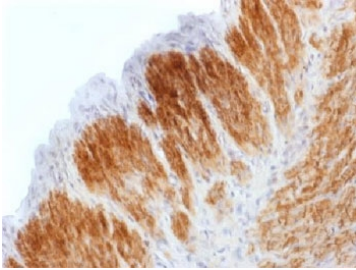
Recombinant RABBIT MONOCLONAL

[Bulk quote request](#)

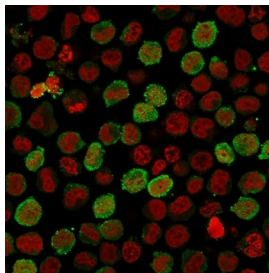
Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CNN1/1408R
Purity	Protein A affinity chromatography
UniProt	P51911
Localization	Cytoplasmic
Applications	Flow Cytometry : 1-2ug/10 ⁶ cells Immunofluorescence : 1-3ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Western Blot : 2-4ug/ml
Limitations	This recombinant Calponin antibody is available for research use only.



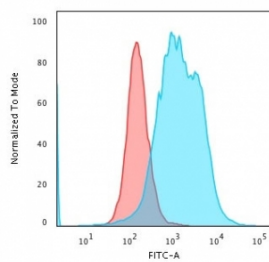
IHC testing of FFPE human uterus stained with recombinant Calponin antibody (clone CNN1/1408R). Required HIER: steam sections in 1mM EDTA, pH9, for 10-20 min followed by cooling at RT for 20 min.



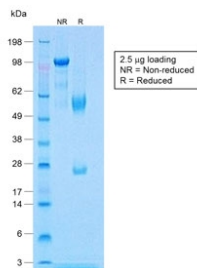
IHC testing of FFPE rat uterus stained with recombinant Calponin antibody (clone CNN1/1408R). Required HIER: steam sections in 1mM EDTA, pH9, for 10-20 min followed by cooling at RT for 20 min.



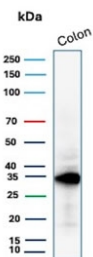
Immunofluorescent staining of PFA-fixed human K562 cells with recombinant Calponin antibody (green, clone CNN1/1408R) and Reddot nuclear stain (red).



Flow cytometry testing of PFA-fixed human K562 cells with recombinant Calponin antibody (clone CNN1/1408R); Red=isotype control, Blue= recombinant Calponin antibody.



SDS-PAGE analysis of purified, BSA-free recombinant Calponin antibody (clone CNN1/1408R) as confirmation of integrity and purity.



Western blot testing of human colon tissue lysate with recombinant Calponin antibody. Predicted molecular weight ~34 kDa.

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 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).