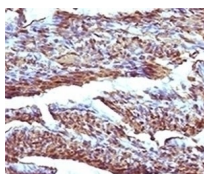


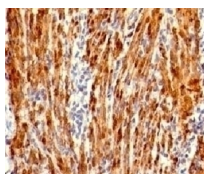


Recombinant Calponin Antibody [RMCN1-1]

Cat. No.: 34-038



Recombinant Calponin Antibody [RMCN1-1]



Formalin-fixed, paraffin-embedded human uterus stained with Calponin antibody (RMCN1-1).

Ψ Specifications

HOST SPECIES:	Rabbit
SPECIES REACTIVITY:	Human
IMMUNOGEN:	Recombinant protein was used as the immunogen for the Calponin antibody.
TESTED APPLICATIONS:	Flow, IF, IHC-P

APPLICATIONS:	Flow Cytometry: 0.5-1ug/10 ⁶ cells
	Immunofluorescence: 0.5-1 ug/ml
	Immunohistochemistry (FFPE): 0.5-1 ug/ml for 30 min at RT (1)
	Optimal dilution of the Calponin antibody should be determined by the researcher. 1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 min

Ψ Properties

PURIFICATION:	Protein A affinity chromatography
CLONALITY:	Monoclonal
ISOTYPE:	IgG, k
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	PBS with 0.1 mg/ml BSA and 0.05% sodium azide
CONCENTRATION:	0.2 mg/mL
STORAGE CONDITIONS:	Aliquot and Store at 2-8 °C. Avoid freez-thaw cycles.

Ψ Additional Info

OFFICIAL SYMBOL:	CNN1
ALTERNATE NAMES:	CNN1, Basic calponin, Calponin, Calponin-1, Calponins, basic, Calponin H1, smooth muscle, SMCC, Sm-Calp
GENE ID:	1264
USER NOTE:	Optimal dilutions for each application to be determined by the researcher

Ψ Background and References

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