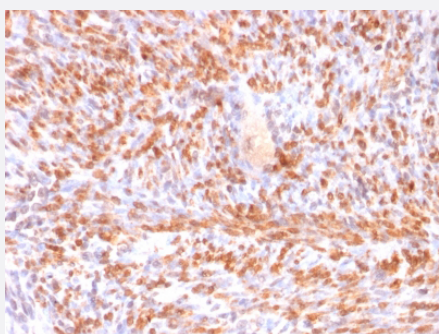


RecomAb™

# CNN1 recombinant monoclonal antibody, clone rCNN1/832

Catalog # RAB00298      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human uterus with CNN1 recombinant monoclonal antibody, clone rCNN1/832 (Cat # RAB00298).

## Specification

<b>Product Description</b>	Mouse recombinant monoclonal antibody raised against human CNN1.
<b>Antibody Species</b>	Mouse
<b>Immunogen</b>	Original antibody is raised against recombinant protein corresponding to full length human CNN1.
<b>Theoretical MW (kDa)</b>	34
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG1, kappa
<b>Recommend Usage</b>	Flow Cytometry (1-2 ug/million cells) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) ((1-2 ug/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 1 mM EDTA, pH 7.5-8.5, for 45 min at 95°C followed by cooling at RT for 20 minutes)) Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

**Storage Buffer**

In 10 mM PBS

**Storage Instruction**

Store at -20 to -80°C.

Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human uterus with CNN1 recombinant monoclonal antibody, clone rCNN1/832 (Cat # RAB00298).

- Flow Cytometry

## Gene Info — CNN1

**Entrez GeneID**[1264](#)**Protein Accession#**[P51911](#)**Gene Name**

CNN1

**Gene Alias**

SMCC, Sm-Calp

**Gene Description**

calponin 1, basic, smooth muscle

**Omim ID**[600806](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

basic

**Other Designations**

calponins, basic

## Publication Reference

- [Structure-function relations of smooth muscle calponin. The critical role of serine 175.](#)

Tang DC, Kang HM, Jin JP, Fraser ED, Walsh MP.

The Journal of Biological Chemistry 1996 Apr; 271(15):8605.

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)