

Product datasheet for **CF813852**

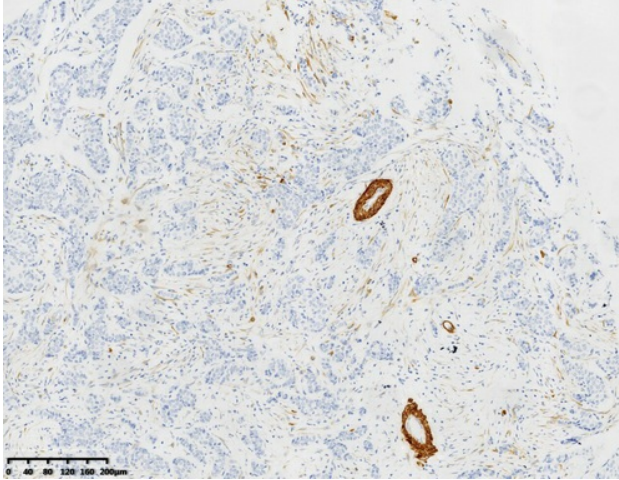
Calponin (CNN1) Mouse Monoclonal Antibody [Clone ID: OTI2D2]

Product data:

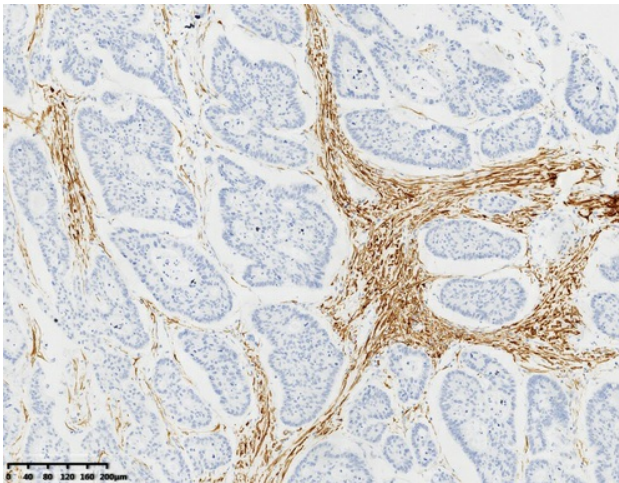
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2D2 |
| Applications: | IHC |
| Recommended Dilution: | IHC 1:800 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 67-257 of human Calponin1 (NP_001290) produced in E.coli. |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 33.2 kDa |
| Gene Name: | calponin 1 |
| Database Link: | NP_001290 Entrez Gene 12797 Mouse Entrez Gene 65204 Rat Entrez Gene 1264 Human P51911 |
| Synonyms: | HEL-S-14; Sm-Calp; SMCC |



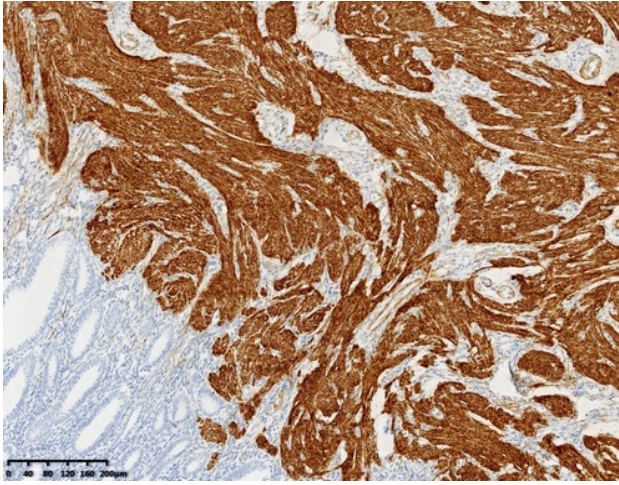
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Product images:

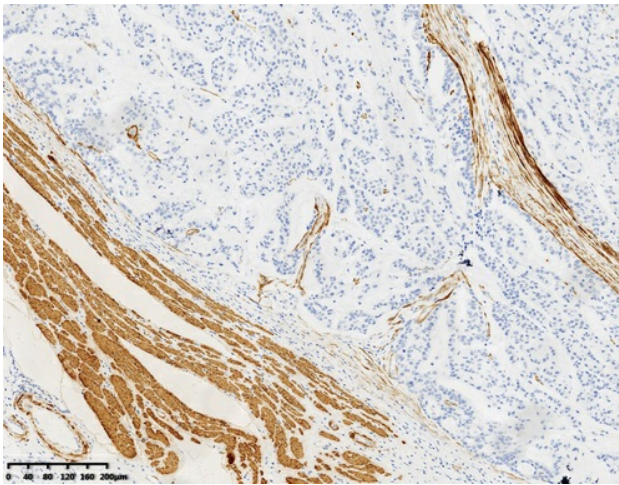
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-Calponin1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [TA813852])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-Calponin1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [TA813852])



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-Calponin1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [TA813852])



Immunohistochemical staining of paraffin-embedded Human Gastric Carcinoma using anti-Calponin1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [TA813852])