

Calponin 1 antibody [MSVA-455R] HistoMAX™

Cat. No. GTX04387

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	IHC-P
Reactivity	Human

Package
500 µl, 100 µl

PRODUCT

This antibody was validated on 76 different Normal Tissues by IHC-P.

Summary

[Go to Normal Tissue Gallery](#)[Go to Cancer Tissue Gallery](#)

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
IHC-P	1:100-1:200

Note : Manual staining : Heat-induced antigen retrieval for 5 minutes in an autoclave at 121°C in pH 7.8 Tris-EDTA-based Target Retrieval Solution buffer. Based on the testing result, the pH 9.0 is optimal but pH 7.8 results in only slightly weaker stainings. At pH 6.0, the immunostaining is markedly reduced.

Not tested in other applications.

Product Note

Highly recommended for IHC-P in human tissues.

Properties

Form	Liquid
Buffer	PBS, 0.05% BSA (Please contact us for PBS only format)
Preservative	0.05% sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to residues on the C-terminus of human Calponin was used as an immunogen.
Purification	Protein A/G purified
Conjugation	Unconjugated



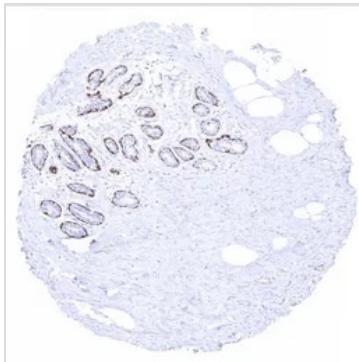
For full product information, images and publications, please visit our [website](#).

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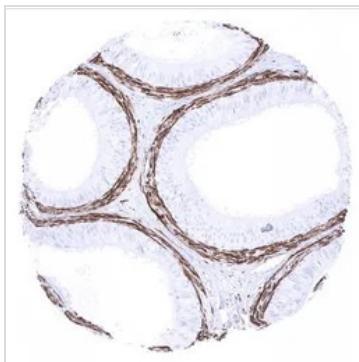
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Note

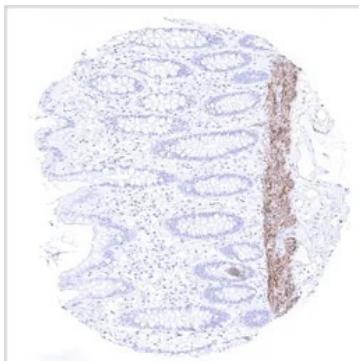
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DATA IMAGES**GTx04387 IHC-P Image**

IHC-P analysis of human breast tissue using GTx04387 Calponin 1 antibody [MSVA-455R] HistoMAX™. Calponin 1 immunostaining is regularly seen in myoepithelial cells of the breast.

**GTx04387 IHC-P Image**

IHC-P analysis of human epididymis tissue using GTx04387 Calponin 1 antibody [MSVA-455R] HistoMAX™. A strong calponin 1 immunostaining occurs in the periductal smooth muscle layer in the epididymis.

**GTx04387 IHC-P Image**

IHC-P analysis of human mucosa from descending colon tissue using GTx04387 Calponin 1 antibody [MSVA-455R] HistoMAX™. A moderate intensity calponin 1 immunostaining is seen in the muscularis mucosae in a colon sample.



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