

alpha Smooth Muscle Actin antibody [HL3085]

Cat. No. GTX640531

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent

Not tested in other applications.

Observed MW (kDa) 42 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide of human alpha Smooth Muscle Actin.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

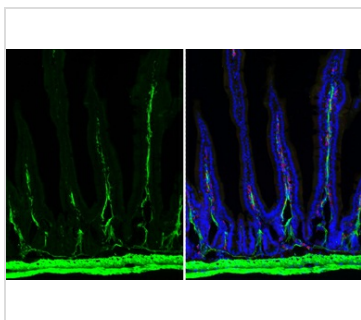
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES

GTX640531 IHC-Fr Image

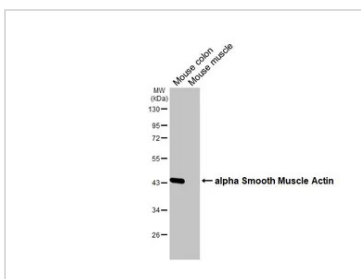
alpha Smooth Muscle Actin antibody [HL3085] detects alpha Smooth Muscle Actin protein by immunohistochemical analysis.

Sample: Frozen-sectioned mouse duodenum.

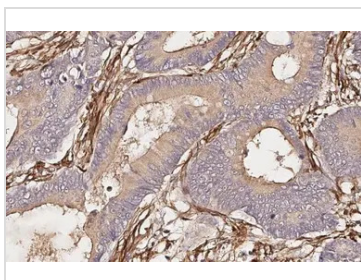
Green: alpha Smooth Muscle Actin stained by alpha Smooth Muscle Actin antibody [HL3085] (GTX640531) diluted at 1:250.

Red: Vimentin antibody [GT812] (GTX629744) diluted at 1:1000.

Blue: Hoechst 33342 staining.


GTX640531 WB Image

Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Smooth Muscle Actin antibody [HL3085] (GTX640531) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

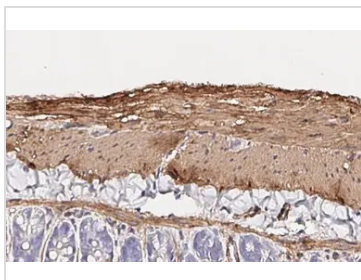

GTX640531 IHC-P Image

alpha Smooth Muscle Actin antibody [HL3085] detects alpha Smooth Muscle Actin protein by immunohistochemical analysis.

Sample: Paraffin-embedded human colon cancer.

alpha Smooth Muscle Actin stained by alpha Smooth Muscle Actin antibody [HL3085] (GTX640531) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX640531 IHC-P Image

alpha Smooth Muscle Actin antibody [HL3085] detects alpha Smooth Muscle Actin protein by immunohistochemical analysis.

Sample: Paraffin-embedded rat colon.

alpha Smooth Muscle Actin stained by alpha Smooth Muscle Actin antibody [HL3085] (GTX640531) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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