

# alpha Smooth Muscle Actin antibody [ $\alpha$ sm-1]

**Cat. No. GTX44499**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Applications</b>	IHC-P
<b>Reactivity</b>	Human

**Package**  
500  $\mu$ l

## Applications

### Application Note

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

Suggested dilution	Recommended dilution
IHC-P	1:50

**Note : The recommended fixative is 10% neutral-buffered formalin for paraffin-embedded tissue sections.**

Not tested in other applications.

### Product Note

Reactive with smooth muscle cells in blood vessel walls, gut wall, myometrium and arrectores pili of skin. Myoepithelial cells such as those in breast and salivary gland also contain actin.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA
<b>Preservative</b>	0.09% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE.
<b>Concentration</b>	>4.5 $\mu$ g/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Synthetic amino terminal decapeptide of alpha smooth muscle isoform of actin.
<b>Purification</b>	IgG fraction
<b>Conjugation</b>	Unconjugated

### Note

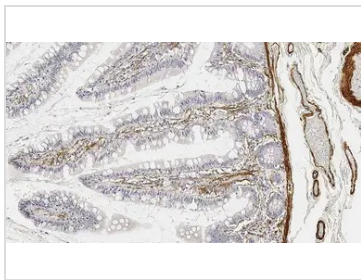
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## DATA IMAGES



### GTx44499 IHC-P Image

IHC-P analysis of human small bowel tissue using GTx44499 alpha Smooth Muscle Actin antibody [ $\alpha$ sm-1]. Note cytoplasmic staining of the muscularis mucosa, vascular walls and smooth muscle fibers in the lamina propria.



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