

## anti-transgelin/SM22 antibody

### Product Information

Catalog No.:	FNab08935
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	4B8
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

The transgelin family is a group of proteins that belong to 22kd actin-related calponin superfamily. Of all three isoforms, transgelin 1 is the best characterized. Transgelin 1, also known as SM22alpha, is a specific marker for differentiated smooth muscle cells. Transgelin 2, also known as SM22 beta, is expressed by both smooth muscle and non-smooth muscle cells in a temporally and spatially regulated pattern. Transgelin 3, also known as NP25, is only found in highly differentiated neuronal cells. This antibody was generated against full length transgelin 1 protein. It can cross-react with other two transgelins based on the sequence similarity.

### Immunogen information

Immunogen:	transgelin
Synonyms:	SM22, SM22 alpha, SM22a, SM22alpha, Smooth muscle protein 22 alpha, TAGLN, TAGLN1, transgelin, TRANSGELIN 1
Observed MW:	22 kDa
UniprotID :	Q01995

### Application

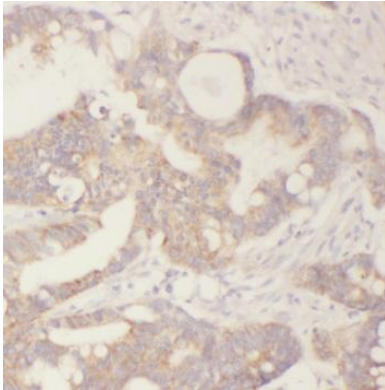
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Reactivity: Human, Mouse  
Tested Application: ELISA, WB, IHC  
Recommended dilution: WB: 1:1000-1:10000; IHC: 1:20-1:400  
Image:



Immunohistochemistry of paraffin-embedded human colon tissue slide using FNab08935(TAGLN Antibody) at dilution of 1:200



human colon tissue were subjected to SDS PAGE followed by western blot with FNab08935(TAGLN Antibody) at dilution of 1:4000

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