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## Product Datasheet

### SM22 alpha Antibody / Transgelin (orb385886)

**Description**

SM22/Transgelin is expressed abundantly in smooth


**Species/Host**

Mouse

**Reactivity**

Human

**Conjugation**

Unconjugated

**Tested Applications**

IHC-P

IHC testing  
of FFPE  
human colon  
carcinom...

**Immunogen**

Recombinant full-length human protein was used as the immunogen for the SM22 alpha antibody. (3)

**Preservatives**

0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced) and 0.05% sodium azide

**Storage**

Store the SM22 alpha antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

**Note**

For research use only

**Application notes**

Titration of the SM22 alpha antibody may be required for optimal performance.1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 min.2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.3. Cross-reaction with SM22 beta protein has not been determined.

**Formula**

0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

**Isotype**

Mouse IgG1, kappa

**Clonality**

Monoclonal

**Purity**

Protein G affinity chromatography

**Uniprot ID**

[Q01995](#)

**Hazard Information**

This SM22 alpha antibody is available for research use only.

**Dilution Range**

Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT (1),Prediluted IHC only format: incubate for 30 min at RT (2)

**Expiration Date**

12 months from date of receipt.