
Product Datasheet

**Alpha Actin Antibody / ACTA2 (smooth muscle)
(orb749771)**

Description

Actin is a major component of the cytoskeleton and is


Species/Host

Mouse

Reactivity

Human, Rat

Conjugation

Unconjugated

Tested Applications

IF, IHC-P

Immunogen

Recombinant full-length human protein was used as the immunogen for the Alpha Smooth Muscle Actin antibody.

Preservatives

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

Storage

Store the Alpha Smooth Muscle Actin antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

Note

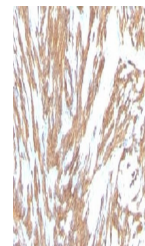
For research use only

Application notes

Optimal dilution of the Alpha Smooth Muscle Actin antibody should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA 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.



IHC:
Formalin-fixed,
paraffin-embedded
h...



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Formalin-fixed,
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h...

Formula

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

Isotype

Mouse IgG2a, kappa

Clonality

Monoclonal

Purity

Protein G affinity chromatography

Uniprot ID

P62736

Hazard Information

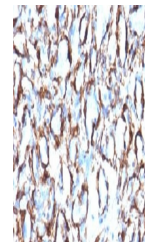
This Alpha Smooth Muscle Actin antibody is available for research use only.

Dilution Range

Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 0.25-0.5ug/ml for 30 min at RT

Expiration Date

12 months from date of receipt.



IHC:
Formalin-fixed,
paraffin-embedded
h...