

a-SMA Monoclonal antibody

Cat:B32112R

Company: Haokebio

Uniprot ID:P62736

Applications: IHC:1:100-1:200

Organism:Mouse

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Actins are a group of highly conserved proteins that are involved in various cellular movements and widely expressed in eukaryotic cells. In vertebrates, there are three major actin isoforms, namely Alpha, Beta, and Gamma. Alpha actins are present in muscle tissue and serve as a key component of muscle contraction. In most cell types, Beta and Gamma actins coexist as components of the cytoskeleton and mediators of intracellular movement.

Protein full name:

actin, alpha 2, smooth muscle, aorta

Synonyms:

ACTA2, Alpha SMA, a-SMA, smooth muscle actin, a SMA

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

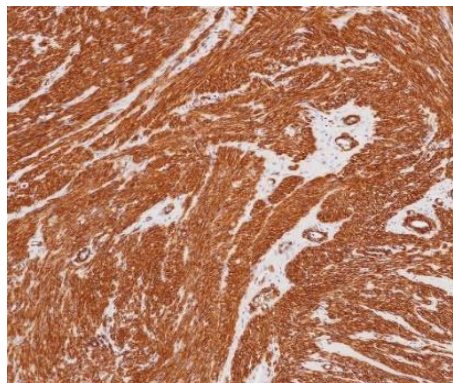
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human cervical leiomyoma tissue, 4% PFA 12-24h

Source of Reagents:

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