

alpha Smooth Muscle Actin (3G2) Mouse mAb (PBS Only)

db6485-PBS

Package : 可询价

Product Name : alpha Smooth Muscle Actin (3G2) Mouse mAb (PBS Only)**Cat.No.:** db6485-PBS**Synonyms** : AAT6; ACTA2; alpha actin 2; GIG46; ACTSA; ACTVS; α -SMA**Application** : WB, IHC-Fr, IHC-P, ICC/IF**Reactivity** : Human, Mouse, Rat**Host species** : Mouse**Background**

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. In vertebrates 3 main groups of actin isoforms, alpha, beta and gamma have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins coexist in most cell types as components of the cytoskeleton and as mediators of internal cell motility.

ImmunogenSynthetic Peptide of α -SMA**Gene ID**

59

Swiss Prot

P62736

SynonymsAAT6; ACTA2; alpha actin 2; GIG46; ACTSA; ACTVS; α -SMA**Reactivity**

Human, Mouse, Rat

Application

WB, IHC-Fr, IHC-P, ICC/IF

Calculated MW

42 kDa

Observed MW

42 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

3G2-2G9-4G5

Isotype

IgG1

Purity

Affinity Purification

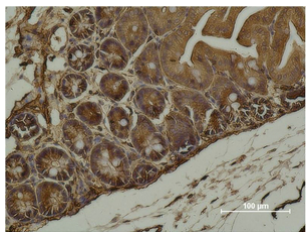
Conjugation

Un-conjugated

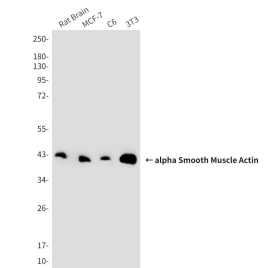
Concentration

1 mg/mL

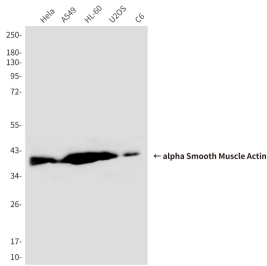
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Immunohistochemistry analysis of paraffin-embedded mouse Cecal Tissue using alpha Smooth Muscle Actin (3G2) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of alpha Smooth Muscle Actin (3G2) in αSmooth Muscle Actin in rat Brain, MCF-7, C6 and 3T3 lysates using alpha Smooth Muscle Actin (3G2) antibody



Western blot analysis of alpha Smooth Muscle Actin (3G2) in HeLa, A549, HL6, U2OS, C6 lysates using alpha Smooth Muscle Actin (3G2) antibody