

alpha smooth muscle Actin (DGR32859) Mouse mAb (PBS Only)

db21748-PBS

Package : 10µg 100µg

Product Name : alpha smooth muscle Actin (DGR32859) Mouse mAb (PBS Only)**Cat.No.:** db21748-PBS**Synonyms** : ACTSA; SMDYS; α-SMA**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human, Mouse, Rat, Rabbit, Cow, Pig, Sheep**Host species** : Mouse**Background**

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, integrity, and intercellular signaling. The encoded protein is a smooth muscle actin that is involved in vascular contractility and blood pressure homeostasis. Mutations in this gene cause a variety of vascular diseases, such as thoracic aortic disease, coronary artery disease, stroke, and Moyamoya disease, as well as multisystemic smooth muscle dysfunction syndrome. [provided by RefSeq, Sep 2017]

Immunogen

A synthetic peptide of human alpha smooth muscle Actin

Gene ID

59

Swiss Prot

P62736

Synonyms

ACTSA; SMDYS; α-SMA

Reactivity

Human, Mouse, Rat, Rabbit, Cow, Pig, Sheep

Application

WB, IHC-P, ICC/IF, FC

Calculated MW

42 kDa

Observed MW

42 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

DGR32859

Isotype

IgG2a

Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration

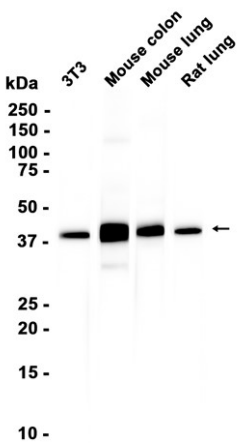
1 mg/mL

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.



Western blot analysis of extracts from 3T3 cells and Mouse colon, Mouse lung, Rat lung tissues using [db21748](#) at 1:1000.