

## alpha smooth muscle Actin (DGR32859) Mouse mAb

db21748

Package : 10µL 20µL 50µL 100µL

**Product Name** : alpha smooth muscle Actin (DGR32859) Mouse mAb**Cat.No.:** db21748**Synonyms** : ACTSA; SMDYS**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

**Reactivity**

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

**Application**

WB, IHC-P, ICC/IF, FC

**Recommended dilution**

WB: 1:1000  
IHC-P: 1:100-1:10000  
ICC/IF: 1:100-1:1000  
FC: 1:500-1:1000

**Calculated MW**

42 kDa

**Observed MW**

42 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

DGR32859

**Isotype**

IgG2a

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.