

Recombinant

DGRmAb®

## alpha smooth muscle Actin (DGR13251) Rabbit mAb (PBS Only)

db12547-PBS

Package : 10µg 100µg

**Product Name** : alpha smooth muscle Actin (DGR13251) Rabbit mAb (PBS Only)**Cat.No.:** db12547-PBS**Synonyms** : ACTSA**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC

**Calculated MW**

42 kDa

**Observed MW**

42 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR13251

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Concentration**

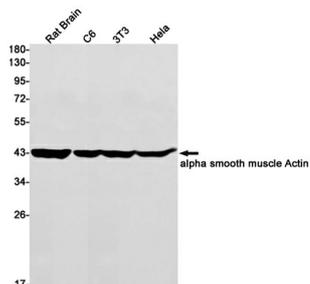
1 mg/mL

**Formulation**

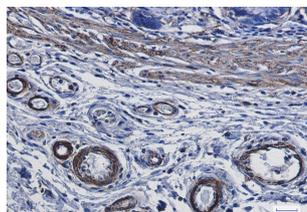
PBS Only

**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 detection of alpha smooth muscle Actin in Rat Brain, C6, 3T3, Hela cell lysates using alpha smooth muscle Actin antibody (1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer using [db12547](#) antibody.