

Recombinant

DGRmAb®

## alpha smooth muscle Actin (DGR13877) Rabbit mAb

db12513

Package : 10µL 20µL 50µL 100µL

**Product Name** : alpha smooth muscle Actin (DGR13877) Rabbit mAb**Cat.No.:** db12513**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

**Recommended dilution**

WB: 1:2000-1:20000

IHC-P: 1:500-1:2000

ICC/IF: 1:200-1:500

FC: 1:10-1:100

**Calculated MW**

42 kDa

**Observed MW**

42 kDa

**Host species**

Rabbit

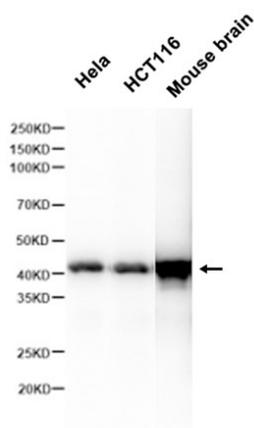
**Clonality**

Monoclonal

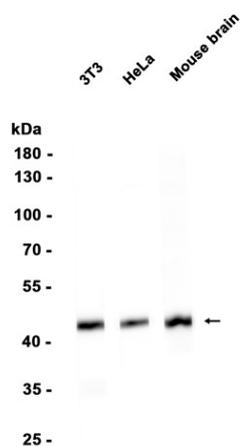
**Clonality No.**

DGR13877

<b>Isotype</b>	IgG
<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.



Western blot analysis of extracts from HeLa, HCT116 cells and Mouse brain tissue using db12513 at 1:10000.



Western blot analysis of extracts from HeLa, 3T3 cells and Mouse brain tissue using db12513 at 1:10000.