Recombinant DGRmAb®

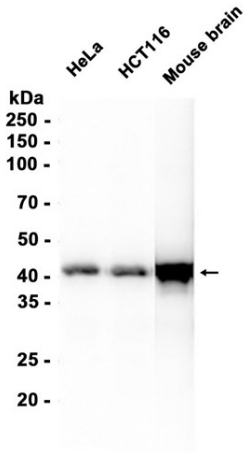
alpha smooth muscle Actin (DGR13877) Rabbit mAb (PBS Only)

db12513-PBS **Package : 10μg 100μg**

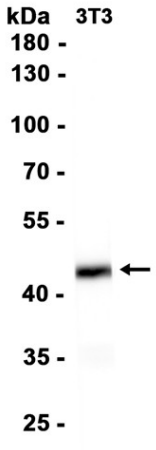
Product Name : alpha smooth muscle Actin (DGR13877) Rabbit mAb (PBS Only)
Cat.No.: db12513-PBS
Synonyms : ACTSA; α-SMA
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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; α-SMA
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.	DGR13877
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

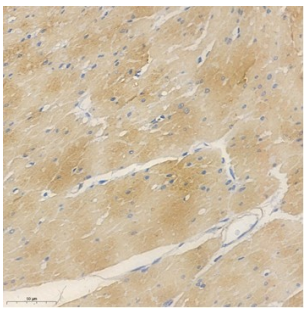
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



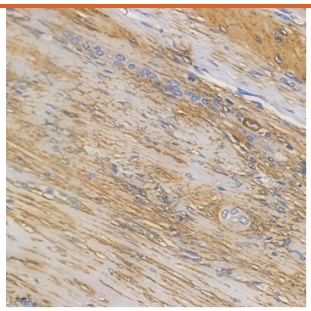
Western blot analysis of extracts from HeLa, HCT116 cells, and Mouse brain tissue using db12513 at 1:10000.



Western blot analysis of extracts from 3T3 cells using db12513 at 1:10000.



Immunohistochemical analysis of paraffin-embedded human gastric tissue labeling alpha smooth muscle Actin with db12513. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded human hepatocellular carcinoma tissue labeling alpha smooth muscle Actin with db12513. Counter stained with Hematoxylin.