

alpha Smooth Muscle Actin antibody [4A4]

Cat. No. GTX60466

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, FCM, ELISA
Reactivity	Human, Mouse, Rat, Monkey

References (3)
 Package
 100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1/500 - 1/2000
ICC/IF	1/200 - 1/1000
IHC-P	1/200 - 1/1000
FCM	1/200 - 1/400
ELISA	1/10000

Not tested in other applications.

Calculated MW 42 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	Ascites
Preservative	0.03% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Immunogen	Synthesized peptide of human alpha Smooth Muscle Actin.
Purification	Unpurified
Conjugation	Unconjugated

Note

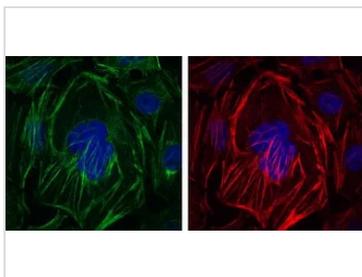
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



For full product information, images and publications, please visit our [website](#).

DATA IMAGES



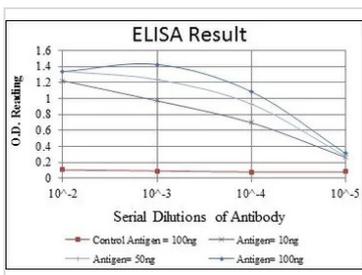
GTX60466 ICC/IF Image

ICC/IF analysis of HepG2 cells using GTX60466 alpha Smooth Muscle Actin antibody [4A4].

Green : alpha Smooth Muscle Actin

Blue: DRAQ5 fluorescent DNA dye

Red: Actin filaments



GTX60466 ELISA Image

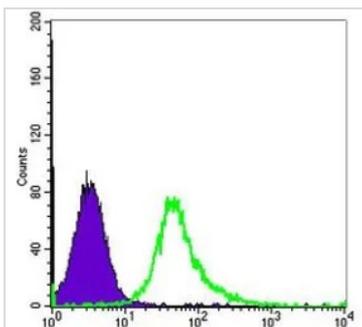
ELISA analysis of antigen using GTX60466 alpha Smooth Muscle Actin antibody [4A4].

Red : Control antigen 100ng

Purple : Antigen 10ng

Green : Antigen 50ng

Blue : Antigen 100ng

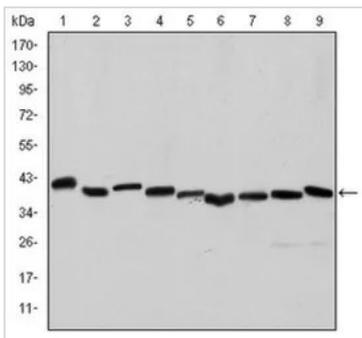


GTX60466 FCM Image

FACS analysis of HeLa cells using GTX60466 alpha Smooth Muscle Actin antibody [4A4].

Green : alpha Smooth Muscle Actin

Purple : negative control



GTX60466 WB Image

WB analysis of HeLa (1), A431 (2), Jurkat (3), K562 (4), HEK293 (5), HepG2 (6), NIH3T3 (7), PC-12 (8) and Cos7 (9) cell lysate using GTX60466 alpha Smooth Muscle Actin antibody [4A4].



For full product information, images and publications, please visit our [website](#).