

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 |

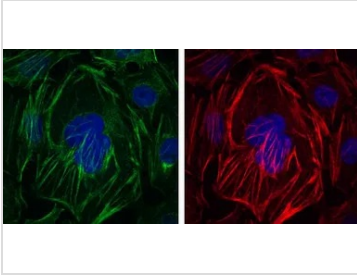
Note

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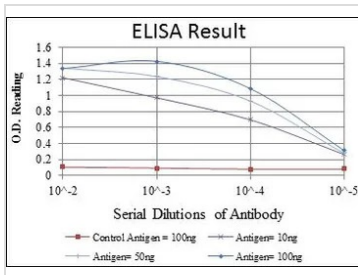
DATA IMAGES

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

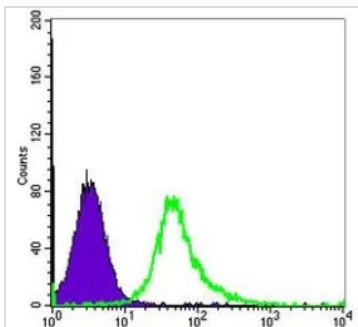
ELISA analysis of antigen using GTx60466 alpha Smooth Muscle Actin antibody [4A4].

Red : Control antigen 100ng

Purple : Antigen 10ng

Green : Antigen 50ng

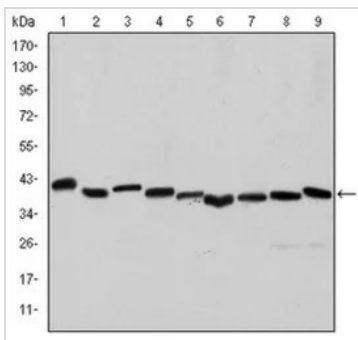
Blue : Antigen 100ng


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].



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