

Anti-alpha Smooth Muscle Actin (3G2) [3G2-2G9-4G5] Monoclonal Antibody

AGMB04274

Description

This Anti-alpha Smooth Muscle Actin (3G2) [3G2-2G9-4G5] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	AGMB04274
Contents:	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
Synonyms:	ACTA2, ACTSA, ACTVS, GIG46, Actin, aortic smooth muscle, Alpha-actin-2, Cell growth-inhibiting gene 46 protein, α-SMA
Applications:	WB IHC-F IHC-P ICC/IF
Research Area:	Signal Transduction
Form:	Liquid

Antibody Data

Reactivity:	Human, Mouse, Rat
Clone:	3G2-2G9-4G5
Clonality:	Monoclonal Antibody
SwissProt ID:	P62736
Immunogen:	Synthetic Peptide of α-SMA
Gene ID:	59

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

Gene Name: ACTA2
Host Species: Mouse
Isotype: IgG1
Purification: Affinity Purified
Conjugated: Unconjugated
Modification: Unmodified
Molecular Weight: Calculated MW: 42 kDa, Observed MW: 42 kDa

Preparation & Storage

Storage: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
 Store Bradford Reagent at Room Temperature for 1 Year.

Storage Buffer: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Antibody Dilution Ratio:	Application	Antibody Dilution Ratio
	WB	1:500-1:1000
	IHC	1:50-1:100
	IF	1:50-1:200

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.