

Anti-alpha Smooth Muscle Actin [R01-8C7] Monoclonal Antibody

AGMB01115

Description

This Anti-alpha Smooth Muscle Actin [R01-8C7] 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:	AGMB01115
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-P ICC/IF FC
Research Area:	Signal Transduction
Form:	Liquid

Antibody Data

Reactivity:	Human, Mouse, Rat
Clone:	R01-8C7
Clonality:	Monoclonal Antibody
SwissProt ID:	P62736
Immunogen:	A synthetic peptide of human alpha smooth muscle Actin
Gene ID:	59

Manufacturers Statement

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

Gene Name:	ACTA2
Host Species:	Rabbit
Isotype:	IgG
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 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Antibody Dilution Ratio:	Application	Antibody Dilution Ratio
	WB	1:1000-1:5000
	IHC-P	1:200-1:500
	ICC/IF	1:200-1:500
	FC	1:20

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.