

KD-Validated Anti-alpha smooth muscle Actin Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

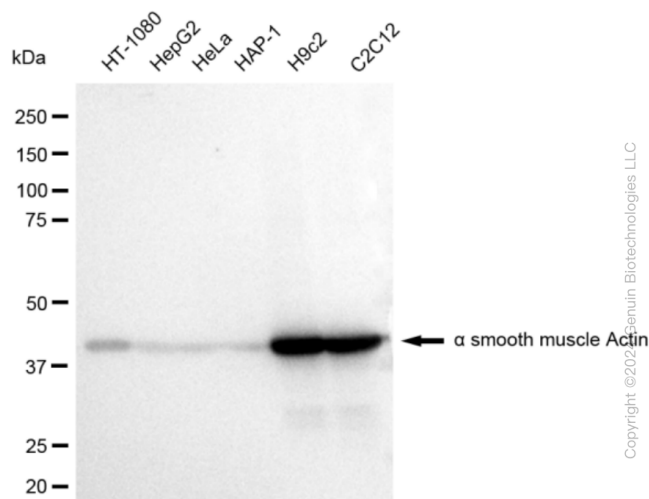
ABG2319

Product Overview

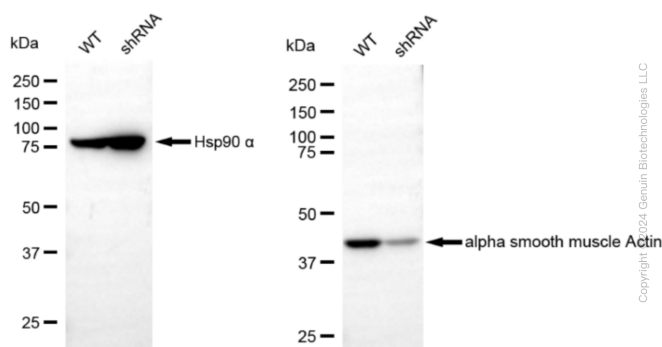
Name	KD-Validated Anti-alpha smooth muscle Actin Rabbit Monoclonal Antibody
Accession(Primary)	P62736
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human alpha smooth muscle Actin
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 42 kDa; Observed, 42 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:2,000-1:10,000 Immunocytochemical (IC): 1:100-1:1,000 Flow cytometry (FCM): 1:2,000

Target information (P62736)

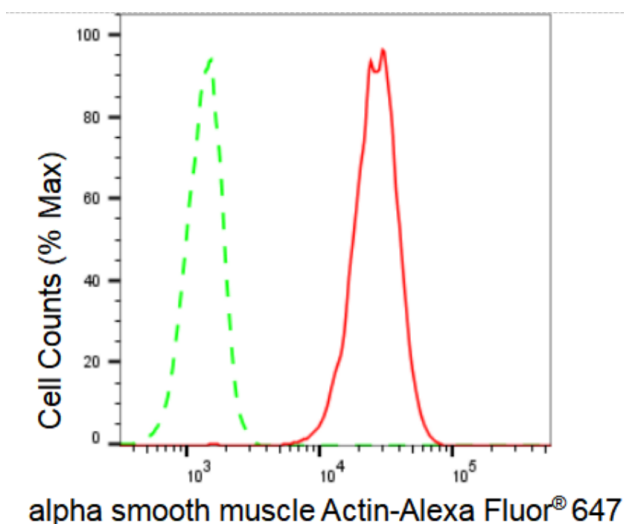
Gene Name	ACTA2
About Gene Symbol	ACTA2 (Actin Alpha 2, Smooth Muscle) is a metabolic enzyme involved in cellular metabolism. It is an important research target in cardiovascular disease and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



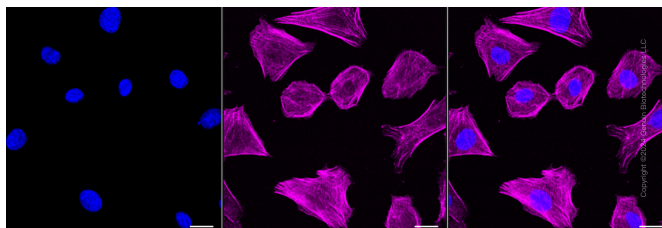
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Immunocytochemical staining of C2C12 cells with alpha smooth muscle Actin antibody (Cat#ABG2319, 1:1,000). Nuclei were stained blue with DAPI; alpha smooth muscle Actin was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.