

DATASHEET

Actin (Smooth Muscle) Mouse Monoclonal Antibody(ARB868)

CAT. NO. ARB6660

KEY FEATURES

Target	Actin,Smooth Muscle (MSA)	Clonality	Monoclonal
Clone ID	ARB868	Applications	IHC
Source / Host	Mouse	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

BACKGROUND

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. In vertebrates 3 main groups of actin isoforms, alpha, beta and gamma have been identified. In vertebrates 3 main groups of actin isoforms, alpha, beta and gamma have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins coexist in most cell types as components of the cytoskeleton and as mediators of internal cell motility.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100 - 1:200
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

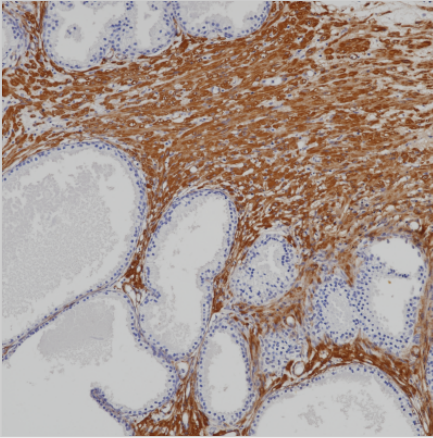
Predicted Molecular Wt	42 kDa
Purity	ProG affinity purified IgG
Subcellular location	Cytoplasm
Swissprot ID	P62736
Immunogen	N-terminal synthetic decapeptide of Human α -smooth muscle actin
Storage Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%
Recommended method	Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18° C-25° C) for 30 minutes.

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**Actin (Smooth Muscle) Mouse Monoclonal Antibody(ARB868)**

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DATA

Immunohistochemical staining of human colonic tissue sections using Actin (Smooth Muscle) Mouse Monoclonal Antibody (ARB868).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com