

Product datasheet for **TA355345**

alpha smooth muscle Actin (ACTA2) Mouse Monoclonal Antibody [Clone ID: ASM-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	ASM-1
Applications:	IHC
Recommended Dilution:	1:50
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Synthetic amino terminal decapeptide of alpha smooth muscle isoform of actin
Specificity:	Human alpha smooth muscle actin. Reactive with smooth muscle cells in blood vessel walls, gut wall, myometrium and arrectores pili of skin. Myoepithelial cells such as those in breast and salivary gland also contain actin
Formulation:	IgG fraction presented in phosphate-buffered saline (pH 7.6) with 1% bovine serum albumin carrier protein and containing sodium azide as a preservative.
Concentration:	lot specific
Purification:	Purified IgG Fraction
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	actin, alpha 2, smooth muscle, aorta
Database Link:	Entrez Gene 59 Human P62736
Background:	Cytoplasmic actins are part of the microfilament system of cytoskeletal proteins. Smooth muscle actin is found in vascular walls, intestinal muscularis mucosae and muscularis propria and in the stroma of various tissues.
Synonyms:	AAT6; ACTSA; ACTVS; Alpha-actin-2



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