

Mouse ACTIN F TYPE Monoclonal Antibody | anti-ACTG1 antibody

MOUSE ANTI HUMAN F-ACTIN

CATALOG # AAA49401	HOST Mouse	REACTIVITY Reacts with: Rabbit, Rat, Mouse N.B. Antibody reactivity and working conditions may vary between species.	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay, ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

ACTIN F TYPE; Monoclonal Antibody; MOUSE ANTI HUMAN F-ACTIN; anti-ACTG1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Reacts with: Rabbit, Rat, Mouse N.B. Antibody reactivity and working conditions may vary between species.
Clonality	Monoclonal
Isotype	IgM
Clone Number	NH3
Form/Format	Purified IgM - liquid; Phosphate buffered saline
Concentration	IgM concentration 1.0 mg/ml (varies by lot)
Sequence Length	375
Applicable Applications for anti-ACTG1 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), ELISA, IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide
Preparation	Purified IgM prepared from tissue culture supernatant
Immunogen	Human monocytes and U937 cell line
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTG1 antibody	Mouse anti Human F-Actin antibody, clone NH3 recognizes human Filamentous actin (F-actin). The antibody binds to the N-terminal region of actin, but not to the extreme N-terminal 40 amino acids. In tissue sections the antibody stains the cytoplasm of macrophages strongly, and gives granular, localised nuclear staining of all cell types.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	316659409
NCBI GeneID	71

NCBI Accession #	NP_001186883.1
NCBI GenBank Nucleotide #	NM_001199954.1
NCBI Official Full Name	actin, cytoplasmic 2
NCBI Official Synonym Full Names	actin gamma 1
NCBI Official Symbol	ACTG1
NCBI Official Synonym Symbols	ACT; ACTG; BRWS2; DFNA20; DFNA26; HEL-176
NCBI Protein Information	actin, cytoplasmic 2; cytoskeletal gamma-actin; epididymis luminal protein 176
UniProt Protein Name	Actin, cytoplasmic 2
UniProt Gene Name	ACTG1
UniProt Synonym Gene Names	ACTG
UniProt Entry Name	ACTG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/actin-f-type-antibody-clone-nh3-western-blot-flow-cytometry-immunohistochemistry-elisa/49401>