

Mouse alpha-tubulin Monoclonal Antibody

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CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29643	Mouse	Human, Rat, Mouse	Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

alpha-tubulin; Monoclonal Antibody; alpha-tubulin Mouse Monoclonal Antibody; a-tubulin Mouse Monoclonal Antibody; alpha-tubulin N-acetyltransferase; C6orf134; CF134; anti-alpha-tubulin antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Specificity	The a-tubulin antibody can detects endogenous a-tubulin protein.
Purity/Purification	Affinity purification using immunogen.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	409
Applicable Applications for anti-alpha-tubulin antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	Western blotting: 1:5000~1:10000 Immunofluorescence: 1:100~1:200 Immunoprecipitation: 1:200
Target Name	a-tubulin
Preparation and Storage	Store at -20°C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse-heart tissue. 1. a-tubulin Monoclonal Antibody(8F11) was diluted at 1:200 (4°C, overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3. Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1. a-tubulin Monoclonal Antibody(8F11) was diluted at 1:200 (4°C, overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3. Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



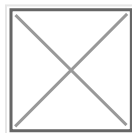
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-uterus-cancer tissue.1,-tubulin Monoclonal Antibody(8F11) was diluted at 1:200(4C,overnight).2, Sodium citrate pH 6.0 was used for antibody retrieval(>98C,20min).3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



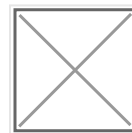
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse-liver tissue.1,-tubulin Monoclonal Antibody(8F11)(red) was diluted at 1:200(4C,overnight).2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min.Picture A:Target. Picture B: DAPI.Picture C: merge of A+B



IF (Immunofluorescence)

Immunofluorescence analysis of Human-colon-cancer tissue.1,-tubulin Monoclonal Antibody(8F11)(red) was diluted at 1:200(4C,overnight).2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min.Picture A: Target.Picture B: DAPI.Picture C: merge of A+B



IF (Immunofluorescence)

IF analysis of Hela with (Left) and DAPI (Right) diluted at 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-alpha-tubulin antibody

Tubulin is one of several members of a small family of globular proteins. The tubulin superfamily includes five distinct families, the alpha-, beta-, gamma-, delta-, and epsilon-tubulins. The most common members of the tubulin family are α -tubulin and β -tubulin, the proteins that make up microtubules. Each has a molecular weight of approximately 55 KD. Microtubules are assembled from dimers of α - and β -tubulin

Product Categories/Family for anti-alpha-tubulin antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GeneID	7846
UniProt Accession #	Q71U36; P68363
Molecular Weight	SDS-PAGE MW: 52kd

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/alpha-tubulin-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/29643>