Mouse alpha Tubulin Monoclonal Antibody

alpha Tubulin antibody (mAb)(Clone 5-B-1-2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59873	**Mouse**	**Human, Mouse, Wide Range Predicted**	**Western Blot, Immunofluorescence, Immunocytochemistry**

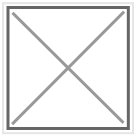
PRODUCT SYNONYMS

alpha Tubulin; Monoclonal Antibody; alpha Tubulin antibody (mAb)(Clone 5-B-1-2); anti-alpha Tubulin antibody

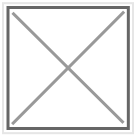
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Wide Range Predicted
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5-B-1-2
Purity/Purification	Ascites
Form/Format	Ascites containing 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-alpha Tubulin antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry)
Immunogen	This alpha Tubulin antibody was raised against total protein purified from sea urchin sperm axonemes.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage. Shipping Temp: Dry Ice

IMAGES



WB (Western Blot)
alpha Tubulin mAb (Clone 5-B-1-2) tested by Western blot. HeLa whole-cell extract (15 ug/lane) probed with alpha Tubulin mAb (1:5,000 dilution).



IF (Immunofluorescence)
alpha Tubulin mAb (Clone 5-B-1-2) tested by immunofluorescence. Top: HeLa cells stained with alpha Tubulin mAb at 1:500 dilution (red). Middle: Same cells stained with DAPI (blue). Bottom: Both images merged. Staining was carried out using MAX Stain Immunofluorescence Tools.

ADDITIONAL INFORMATION

Related Product Information for anti-alpha Tubulin antibody	Short Description: Our alpha Tubulin antibody (mAb)(Clone 5-B-1-2) was raised in a Mouse host. It has been validated for use in Immunocytochemistry, Immunofluorescence and Western blot; it has been shown to react with Human and Mouse samples, but it is predicted that it will react with a wide range of sample types. Background: Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of a-tubulin and b-tubulin. Alpha Tubulin expression is reduced in cells deficient in MeCP2, leading to conditions such as Rett syndrome and autistic-spectrum disorders.
Product Categories/Family for anti-alpha Tubulin antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	52kDa

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-clone-5-b-1-2-western-blot-immunofluorescence-immunocytochemistry-elisa/59873