

Mouse TUBB3 Monoclonal Antibody | anti-TUBB3 antibody

Anti-TUBB3 Specific Antibody

CATALOG # AAA249044	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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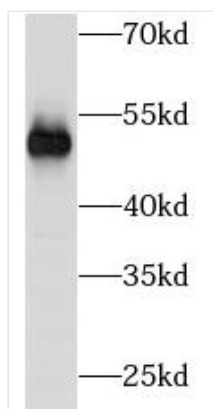
PRODUCT SYNONYMS

TUBB3; Monoclonal Antibody; Anti-TUBB3 Specific Antibody; TUBB3-specific; Tubj1; Tubulin beta 3 chain; Tubulin beta III; tubulin; beta 3; anti-TUBB3 antibody

PRODUCT SPECIFICATIONS

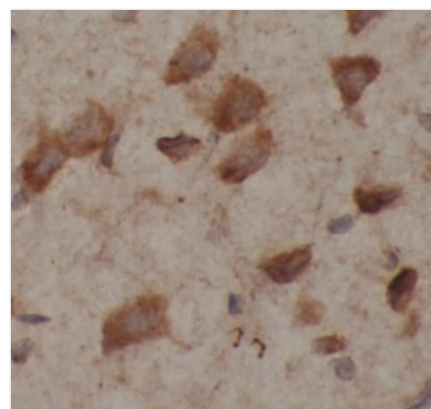
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	>=95% as determined by SDS-PAGE Protein A+G Purified
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Sequence Length	378
Applicable Applications for anti-TUBB3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	AS160
Preparation and Storage	Store at -20 degree C for 24 months. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

SH-SY5Y cells were subjected to SDS PAGE followed by western blot with AAA249044 (TUBB3 specific antibody) at dilution of 1:30000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain tissue slide using AAA249044 (TUBB3 specific antibody) at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB3 antibody	TUBB3, the class III beta tubulin or Tuj1, is selectively expressed in testis and neurons of the central and peripheral nervous system. It has been widely used as a marker for neurons. Aberrant expression of TUBB3 has also been found in various tumors of non-neural origin and can be used as a biomarker for cancer aggressiveness and a marker for the tendency to respond poorly to chemotherapy. This antibody is specific to TUBB3 but not cross-react with other tubulin isoforms.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	308235963
NCBI GeneID	10381
NCBI Accession #	NP_001184110.1
NCBI GenBank Nucleotide #	NM_001197181.1
UniProt Accession #	Q13509
Molecular Weight	18 kDa
NCBI Official Full Name	tubulin beta-3 chain isoform 2
NCBI Official Synonym Full Names	tubulin beta 3 class III
NCBI Official Symbol	TUBB3
NCBI Official Synonym Symbols	CDCBM; FEOM3; TUBB4; CDCBM1; CFEOM3; beta-4; CFEOM3A
NCBI Protein Information	tubulin beta-3 chain
UniProt Protein Name	Tubulin beta-3 chain
UniProt Gene Name	TUBB3
UniProt Synonym Gene Names	TUBB4
UniProt Entry Name	TBB3_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.