

TUBB1 recombinant antibody

TUBB1 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279137	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

TUBB1; Monoclonal Recombinant Antibody; TUBB1 Recombinant Monoclonal Antibody; 2810484G07Rik; beta 1 tubulin; Beta tubulin 1; class VI; Beta-tubulin; Class VI beta tubulin; dJ543J19.4; M(beta)1; TBB1_HUMAN; Tubulin beta 1 class VI; Tubulin beta-1 chain; Tubulin; beta 1; tubulin; beta1; TUBB1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG
Clone Number	16E2
Purity/Purification	Affinity purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for TUBB1 recombinant antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human TUBB1 protein
Conjugation	Non-conjugated
Research Area	Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing NIH/3T3 cells stained with AAA279137 (red line) at 1:200. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45 min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



IHC (Immunohistochemistry)

IHC image of AAA279137 diluted at 1:300 and staining in paraffin-embedded human pancreatic tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image of AAA279137 diluted at 1:300 and staining in paraffin-embedded human pancreatic cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western BlotPositive WB detected in: K562 whole cell lysateAll lanes: TUBB1 antibody at 1:1000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 50 kDaObserved band size: 50 kDa

NCBI AND UNIPROT INFORMATION

NCBI GI #	13562114
NCBI GeneID	81027
NCBI Accession #	NP_110400
NCBI GenBank Nucleotide #	NM_030773
UniProt Accession #	Q9H4B7
Molecular Weight	50,327 Da
NCBI Official Full Name	tubulin beta-1 chain
NCBI Official Synonym Full Names	tubulin, beta 1 class VI
NCBI Official Symbol	TUBB1
NCBI Protein Information	tubulin beta-1 chain; beta tubulin 1, class VI; class VI beta-tubulin
UniProt Protein Name	Tubulin beta-1 chain
UniProt Gene Name	TUBB1
UniProt Entry Name	TBB1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/tubb1-recombinant-antibody-clone-16e2-flow-cytometry-immunohistochemistry-western-blot-elisa/279137>