

beta-Tubulin Recombinant Antibody | TUBB recombinant antibody

Rabbit anti-beta-Tubulin Recombinant Monoclonal Antibody [BLR236K]

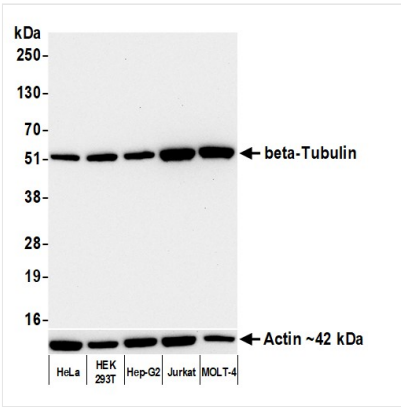
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23879	Rabbit	Human, Mouse	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

beta-Tubulin; Monoclonal Recombinant Antibody; Rabbit anti-beta-Tubulin Recombinant Monoclonal Antibody [BLR236K]; TUBB5; beta 1b tubulin; tubulin; beta polypeptide; tubulin beta-5 chain; tubulin beta chain; TUBB1; OK/SW-cl.56; M40; epididymis secretory sperm binding protein; CSCSC1; CDCBM6; tubulin beta-1 chain; Tubulin beta chain; tubulin beta class I; TUBB recombinant antibody

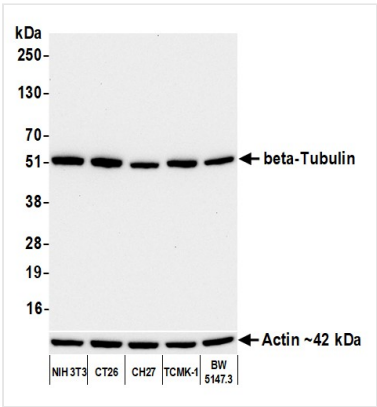
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	BLR236K
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for TUBB recombinant antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000 IP: 20 ul/mg lysate IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections. FC/FACS: Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 ul per 1 x 10 ⁶ cells.
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



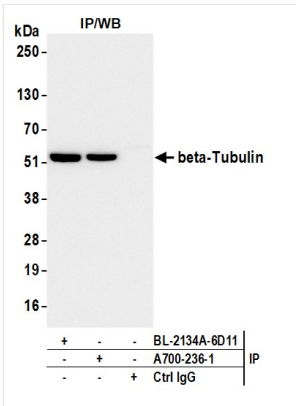
WB (Western Blot)

Detection of human beta-Tubulin by western blot. Samples: Whole cell lysate (10 ug) from HeLa, HEK293T, Hep-G2, Jurkat, and MOLT-4 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-beta-Tubulin recombinant monoclonal antibody (AAA23879 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



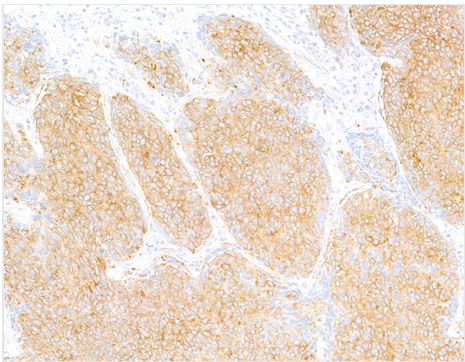
WB (Western Blot)

Detection of mouse beta-Tubulin by western blot. Samples: Whole cell lysate (10 ug) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-beta-Tubulin recombinant monoclonal antibody (AAA23879 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



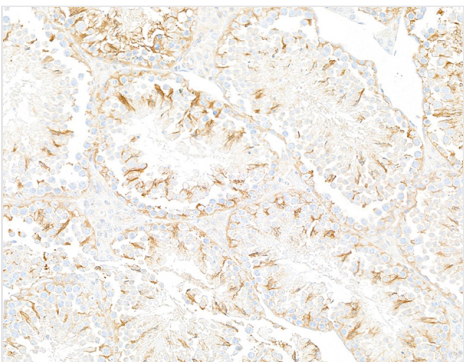
IP (Immunoprecipitation)

Detection of human beta-Tubulin by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-beta-Tubulin recombinant monoclonal antibody (AAA23879 lot 1) used for IP at 20 ul/mg lysate. beta-Tubulin was also immunoprecipitated by a second antibody against a different epitope of beta-Tubulin (BL-2134A-6D11). For blotting immunoprecipitated beta-Tubulin, AAA23879 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 10 seconds.



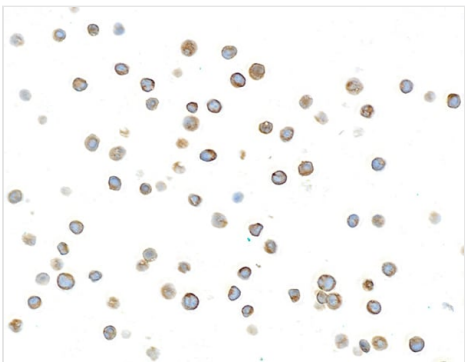
IHC (Immunohistochemistry)

Detection of human beta-Tubulin by immunohistochemistry. Sample: FFPE section of lung carcinoma. Antibody: Rabbit anti-beta-Tubulin recombinant monoclonal antibody (AAA23879). Secondary: HRP-conjugated goat anti-rabbit IgG .



IHC (Immunohistochemistry)

Detection of mouse beta-Tubulin by immunohistochemistry. Sample: FFPE section of mouse testis. Antibody: Rabbit anti-beta-Tubulin recombinant monoclonal antibody (AAA23879). Secondary: HRP-conjugated goat anti-rabbit IgG .



ICC (Immunocytochemistry)

Detection of human beta-Tubulin by immunocytochemistry. Sample: FFPE section of MOLT-4 cells. Antibody: Rabbit anti-beta-Tubulin recombinant monoclonal antibody (AAA23879). Secondary: HRP-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for TUBB recombinant antibody	Beta tubulin forms a dimer with alpha tubulin and forms the major constituent of microtubules. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P07437].
Product Categories/Family for TUBB recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	29788785
NCBI GeneID	203068
NCBI Accession #	NP_821133.1
NCBI GenBank Nucleotide #	NM_178014.2
UniProt Accession #	P07437 ; P05218 ; Q8WUC1 ; Q9CY33
Molecular Weight	444
NCBI Official Full Name	tubulin beta chain
NCBI Official Synonym Full Names	tubulin, beta class I
NCBI Official Symbol	TUBB
NCBI Official Synonym Symbols	M40; TUBB1; TUBB5; OK/SW-cl.56
NCBI Protein Information	tubulin beta chain; beta1-tubulin; beta 5-tubulin; beta-4 tubulin; beta 1b tubulin; class I beta-tubulin; tubulin beta-1 chain; tubulin beta-5 chain; tubulin beta polypeptide; tubulin, beta polypeptide
UniProt Protein Name	Tubulin beta chain
UniProt Gene Name	TUBB
UniProt Synonym Gene Names	TUBB5
UniProt Entry Name	TBB5_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/beta-tubulin-recombinant-antibody-clone-blr236k-western-blot-immunoprecipitation-immunohistochemistry-immunocytochemistry-flow-cytometry-elisa/23879>