

beta-III Tubulin Recombinant Antibody | TUBB3 recombinant antibody

Rabbit anti-beta-III Tubulin Recombinant Monoclonal Antibody [BLR185J]

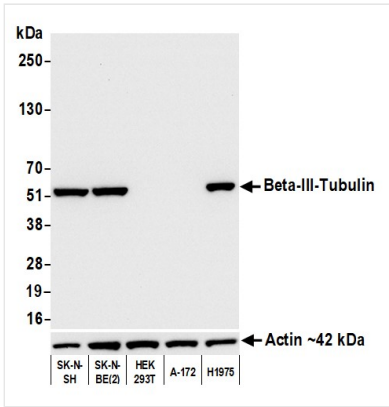
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23857	Rabbit	Human, Mouse	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

beta-III Tubulin; Monoclonal Recombinant Antibody; Rabbit anti-beta-III Tubulin Recombinant Monoclonal Antibody [BLR185J]; FEOM3; tubulin beta-III; tubulin; beta 3; tubulin beta-4 chain; tubulin beta-3 chain; TUBB4; class III beta-tubulin; CFEOM3A; CFEOM3; CDCBM1; beta-4; CDCBM; Tubulin beta-3 chain; tubulin beta 3 class III; TUBB3 recombinant antibody

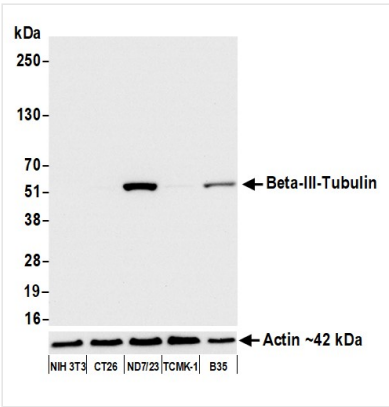
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	BLR185J
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 TUBB3 recombinant antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Application Notes	WB: 1:1000 IP: 20 ul/mg lysate IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
Immunogen	Between 400 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



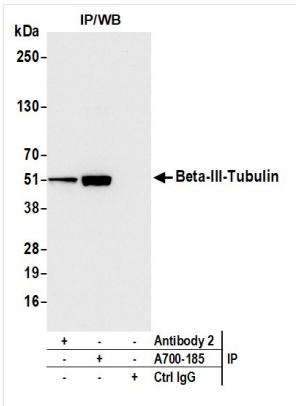
WB (Western Blot)

Detection of human Beta-III-Tubulin by western blot. Samples: Whole cell lysate (10 ug) from SK-N-SH, SK-N-BE(2), HEK293T, A-172, and H1975 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-Beta-III-Tubulin recombinant monoclonal antibody (AAA23857 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



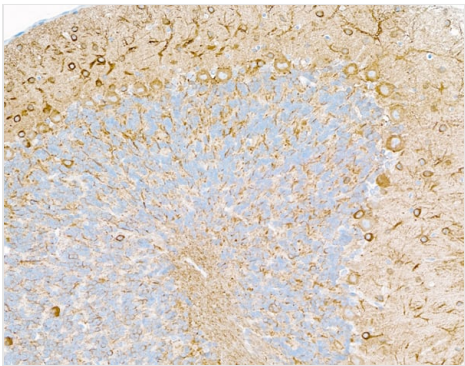
WB (Western Blot)

Detection of mouse Beta-III-Tubulin by western blot. Samples: Whole cell lysate (10 ug) from NIH 3T3, CT26, ND7/23, TCMK-1, and B35 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-Beta-III-Tubulin recombinant monoclonal antibody (AAA23857 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



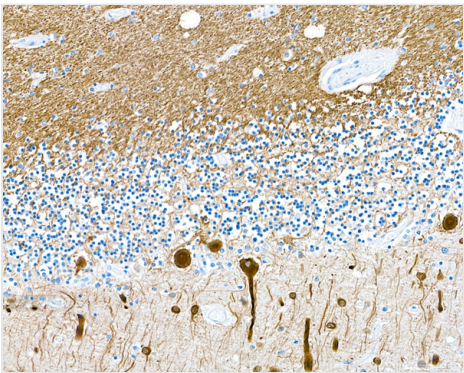
IP (Immunoprecipitation)

Detection of human Beta-III-Tubulin by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 5% of IP loaded) from SK-N-SH cells. Antibodies: Rabbit anti-Beta-III-Tubulin recombinant monoclonal antibody (AAA23857 lot 1) used for IP at 20 ul/mg lysate. Beta-III-Tubulin was also immunoprecipitated by another antibody against a different epitope of Beta-III-Tubulin (Antibody 2). For blotting immunoprecipitated Beta-III-Tubulin, AAA23857 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 1 second.



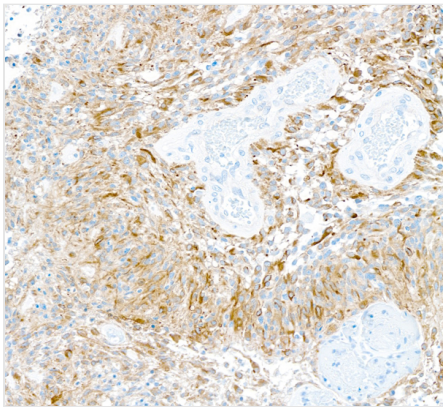
IHC (Immunohistochemistry)

Detection of mouse beta-III Tubulin in mouse cerebellum by IHC. Antibody: Rabbit anti-beta-III Tubulin recombinant monoclonal antibody (AAA23857 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB



IHC (Immunohistochemistry)

Detection of human beta-III Tubulin in cerebellum by IHC. Antibody: Rabbit anti-beta-III Tubulin recombinant monoclonal antibody (AAA23857 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB



IHC (Immunohistochemistry)

Detection of human beta-III Tubulin in glioblastoma by IHC. Antibody: Rabbit anti-beta-III Tubulin recombinant monoclonal antibody (AAA23857 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB

ADDITIONAL INFORMATION

Related Product Information for TUBB3 recombinant antibody	Beta III is a member of the beta tubulin protein family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. Beta III tubulin is primarily expressed in neurons and may be involved in neurogenesis and axon guidance and maintenance. [taken from NCBI Entrez Gene (Gene ID: 10381)].
Product Categories/Family for TUBB3 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	50592996
NCBI GeneID	10381
NCBI Accession #	NP_006077.2
NCBI GenBank Nucleotide #	NM_006086.3
UniProt Accession #	Q13509
NCBI Official Full Name	tubulin beta-3 chain isoform 1
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/beta-iii-tubulin-recombinant-antibody-clone-blr185j-western-blot-immunoprecipitation-immunohistochemistry-immunocytochemistry-elisa/23857>