

Mouse anti-Human TBA1B Monoclonal Antibody | anti-TBA1B antibody

TBA1B Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62401	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

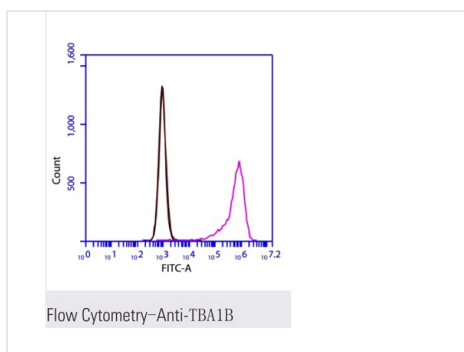
PRODUCT SYNONYMS

TBA1B; Monoclonal Antibody; TBA1B Mouse mAb; anti-TBA1B antibody

PRODUCT SPECIFICATIONS

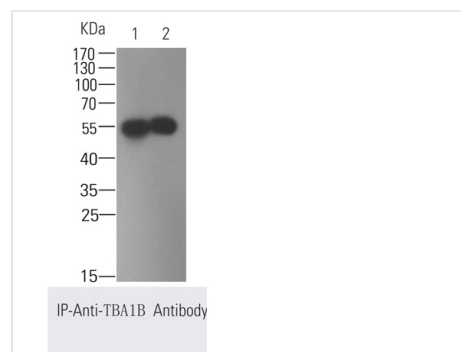
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	451
Applicable Applications for anti-TBA1B antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human TBA1B

IMAGES



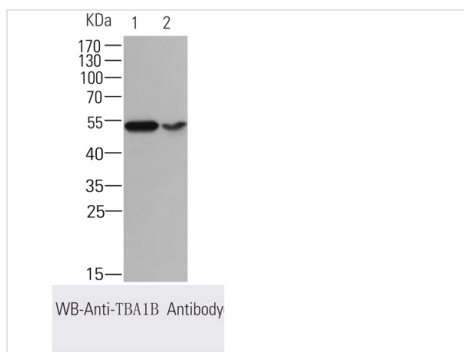
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling TBA1B with M25005 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

TBA1B was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25005 of 10 ug. Western blot was performed from the immunopre-cipitate using M25005 at 1/2000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: Jurkat cells membrane fraction. Lane2: IP product of Jurkat cells membrane fraction.Blocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

All lanes : TBA1B Mouse mAb at 1/2000 dilution Lane 1 : Jurkat cells membrane fraction Lane 2 : THP1 cells membrane fraction Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution Predicted band size : 50 KDa
Observed band size : 50KDa Blocking/Dilution buffer : 1x TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-TBA1B antibody	Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain.
Product Categories/Family for anti-TBA1B antibody	Cell Marker ; Subcellular Marker ; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	57013276
NCBI GeneID	10376
NCBI Accession #	NP_006073.2
NCBI GenBank Nucleotide #	NM_006082.2
UniProt Accession #	P68363 ; P04687 ; P05209 ; Q27168 ; Q8WU19
Molecular Weight	Predicted MW: 50.1kDa
NCBI Official Full Name	tubulin alpha-1B chain
NCBI Official Synonym Full Names	tubulin alpha 1b
NCBI Official Symbol	TUBA1B
NCBI Official Synonym Symbols	K-ALPHA-1
NCBI Protein Information	tubulin alpha-1B chain
UniProt Protein Name	Tubulin alpha-1B chain
UniProt Gene Name	TUBA1B

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/tba1b-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62401>