

Mouse TBC1D4 Monoclonal Antibody | anti-TBC1D4 antibody

TBC1D4 antibody

CATALOG # AAA108284	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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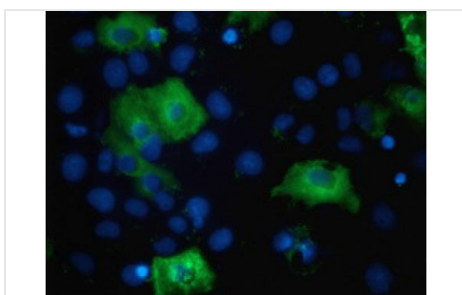
PRODUCT SYNONYMS

TBC1D4; Monoclonal Antibody; TBC1D4 antibody; Monoclonal TBC1D4; Anti-TBC1D4; TBC1 domain family member 4; AS160; KIAA0603; DKFZp779C0666; TBCD4 1; TBCD4-1; anti-TBC1D4 antibody

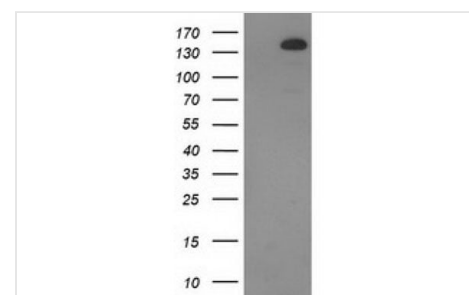
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	5 E6
Purity/Purification	TBC1D4 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	1290
Applicable Applications for anti-TBC1D4 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	TBC1D4 may act as a GTPase-activating protein for RAB2A, RAB8A, RAB10 and RAB14. Isoform 2 promotes insulin-induced glucose transporter SLC2A4/GLUT4 translocation at the plasma membrane, thus increasing glucose uptake.
Cross-Reactivity	Human
Immunogen	TBC1D4 antibody was raised in mouse using a full length recombinant protein of human TBC1D4 (NP_0055647) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

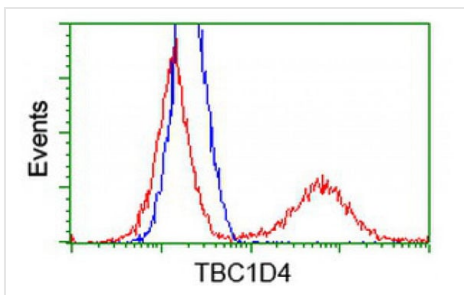
IMAGES


IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant TBC1D4 protein using TBC1D4 antibody


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant TBC1D4 protein (Right) or empty vector (Left) detected with TBC1D4 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant TBC1D4 protein (red) or empty vector (blue) stained using TBC1D4 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TBC1D4 antibody	Mouse monoclonal TBC1D4 antibody
Product Categories/Family for anti-TBC1D4 antibody	Nutrition & Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	557786188
NCBI GeneID	9882
NCBI Accession #	NP_001273587.1
NCBI GenBank Nucleotide #	NM_001286658.1
Molecular Weight	60,095 Da
NCBI Official Full Name	TBC1 domain family member 4 isoform 2
NCBI Official Synonym Full Names	TBC1 domain family, member 4
NCBI Official Symbol	TBC1D4
NCBI Official Synonym Symbols	AS160; NIDDM5
NCBI Protein Information	TBC1 domain family member 4
UniProt Protein Name	TBC1 domain family member 4
UniProt Gene Name	TBC1D4
UniProt Synonym Gene Names	AS160; KIAA0603; AS160
UniProt Entry Name	TBCD4_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/tbc1d4-antibody-clone-5-e6-western-blot-immunofluorescence-flow-cytometry-elisa/108284>