

Mouse BEST3 Monoclonal Antibody | anti-BEST3 antibody

BEST3 antibody

CATALOG # AAA106473	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

BEST3; Monoclonal Antibody; BEST3 antibody; Monoclonal BEST3; Anti-BEST3; Bestrophin 3; MGC13168; MGC40411; VMD2L3; BEST 3; BEST-3; anti-BEST3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	1B6
Purity/Purification	BEST3 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	455
Applicable Applications for anti-BEST3 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	BEST3 belongs to the bestrophin family of anion channels, which includes BEST1, the gene mutant in vitelliform macular dystrophy, and 2 other BEST1-like genes, BEST2 and BEST4.
Cross-Reactivity	Human
Immunogen	BEST3 antibody was raised in mouse using a full length recombinant protein of human BEST3 (NP_689652) 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 BEST3 protein using BEST3 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant BEST3 protein (Right) or empty vector (Left) detected with BEST3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-BEST3 antibody	Mouse monoclonal BEST3 antibody
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Product Categories/Family for anti-BEST3 antibody	Cell Biology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115527106
NCBI GeneID	144453
NCBI Accession #	NP_689652
NCBI GenBank Nucleotide #	NM_152439.2
UniProt Accession #	Q8N1M1; Q53YQ7; Q8N356; Q8NFT9; Q9BR80; B5MDI8; F8VVZ2
Molecular Weight	63,378 Da
NCBI Official Full Name	bestrophin-3 isoform 2
NCBI Official Synonym Full Names	bestrophin 3
NCBI Official Symbol	BEST3
NCBI Official Synonym Symbols	VMD2L3
NCBI Protein Information	bestrophin-3
UniProt Protein Name	Bestrophin-3
UniProt Gene Name	BEST3
UniProt Synonym Gene Names	VMD2L3
UniProt Entry Name	BEST3_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/best3-antibody-clone-1b6-western-blot-immunofluorescence-flow-cytometry-elisa/106473>