

Mouse anti-Human HAND1 Monoclonal Antibody | anti-HAND1 antibody

Mouse Monoclonal [clone 1G10] (IgG2b) to Human HAND1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52548	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, Immunofluorescence, Immunohistochemistry

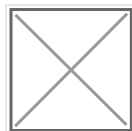
PRODUCT SYNONYMS

HAND1; Monoclonal Antibody; Mouse Monoclonal [clone 1G10] (IgG2b) to Human HAND1; Anti-HAND1 Antibody (clone 1G10) IHC-plus; EHand; Hxt; BHLHa27; Thing1; Human HAND1; anti-HAND1 antibody

PRODUCT SPECIFICATIONS

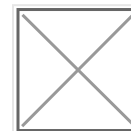
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	1G10
Specificity	Human HAND1
Purity/Purification	Protein A/G Purified
Form/Format	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Concentration	0.82 mg/ml (varies by lot)
Sequence Length	215
Applicable Applications for anti-HAND1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Full length human recombinant protein of human HAND1 (NP_004812) produced in E Coli.
Immunogen Type	Recombinant protein
Immunogen	HAND1 antibody was raised against full length human recombinant protein of human HAND1 (NP_004812) produced in E Coli.
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HAND1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HAND1.



FCM/FACS (Flow Cytometry)

Flow cytometry of Jurkat cells, using anti-HAND1 antibody (Red), compared to a nonspecific negative control antibody (Blue).



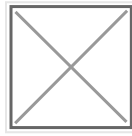
FCM/FACS (Flow Cytometry)

Flow cytometry of HeLa cells, using anti-HAND1 antibody (Red), compared to a nonspecific negative control antibody (Blue).



IF (Immunofluorescence)

Anti-HAND1 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY HAND1.



IHC (Immunohistochemistry)

Anti-HAND1 antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HAND1 antibody

Family: [Transcription factor](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758506
NCBI GeneID	9421
NCBI Accession #	NP_004812.1
NCBI GenBank Nucleotide #	NM_004821.2
UniProt Accession #	O96004
Molecular Weight	23,627 Da
NCBI Official Full Name	heart- and neural crest derivatives-expressed protein 1
NCBI Official Synonym Full Names	heart and neural crest derivatives expressed 1
NCBI Official Symbol	HAND1
NCBI Official Synonym Symbols	Hxt; eHand; Thing1; bHLHa27
NCBI Protein Information	heart- and neural crest derivatives-expressed protein 1; class A basic helix-loop-helix protein 27; extraembryonic tissues, heart, autonomic nervous system and neural crest derivatives-expressed protein 1
UniProt Protein Name	Heart- and neural crest derivatives-expressed protein 1
UniProt Gene Name	HAND1
UniProt Synonym Gene Names	BHLHA27; EHAND; bHLHa27; eHAND
UniProt Entry Name	HAND1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/hand1-antibody-clone-1g10-flow-cytometry-western-blot-immunofluorescence-immunohistochemistry-elisa/52548>