

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

Anti-FHIT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266036	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot

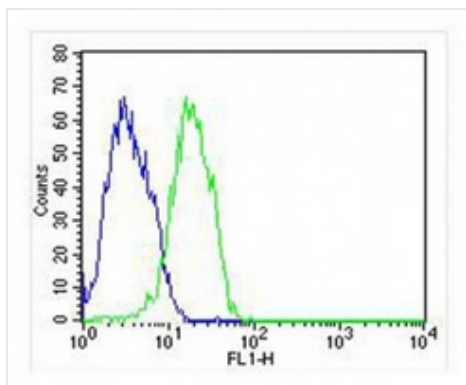
PRODUCT SYNONYMS

FHIT; Monoclonal Antibody; Anti-FHIT Antibody; anti-FHIT antibody

PRODUCT SPECIFICATIONS

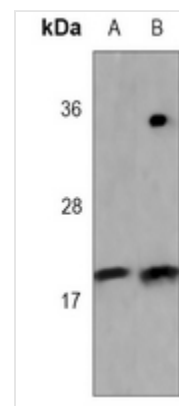
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Specificity	Recognizes endogenous levels of FHIT protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1 kappa. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-FHIT antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human FHIT. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HepG2 cells using Anti-FHIT Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Mouse IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.



WB (Western Blot)

Western blot analysis of FHIT expression in HL60 (A), MDAMB453 (B) whole cell lysates. (Predicted band size: 16 kD; Observed band size: 17 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-FHIT antibody	Mouse monoclonal antibody to FHIT
Product Categories/Family for anti-FHIT antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	261278358
NCBI GeneID	2272
NCBI Accession #	NP_001159715.1
NCBI GenBank Nucleotide #	NM_001166243.1
UniProt Accession #	P49789 ; Q6IU12
Molecular Weight	16,858 Da
NCBI Official Full Name	bis(5'-adenosyl)-triphosphatase
NCBI Official Synonym Full Names	fragile histidine triad
NCBI Official Symbol	FHIT
NCBI Official Synonym Symbols	FRA3B; AP3Aase
NCBI Protein Information	bis(5'-adenosyl)-triphosphatase; bis(5'-adenosyl)-triphosphatase; AP3A hydrolase; tumor suppressor protein; dinucleosidetriphosphatase; diadenosine 5',5'''-P1,P3-triphosphate hydrolase
UniProt Protein Name	Bis(5'-adenosyl)-triphosphatase
UniProt Gene Name	FHIT
UniProt Synonym Gene Names	AP3Aase
UniProt Entry Name	FHIT_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/fhit-antibody-flow-cytometry-western-blot-elisa/266036>