

Mouse anti-Human BLK Antibody | anti-BLK antibody

BLK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108775	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot

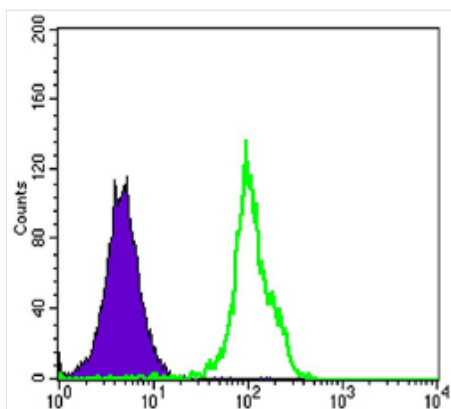
PRODUCT SYNONYMS

BLK; BLK Antibody; MODY11; MGC10442; anti-BLK antibody

PRODUCT SPECIFICATIONS

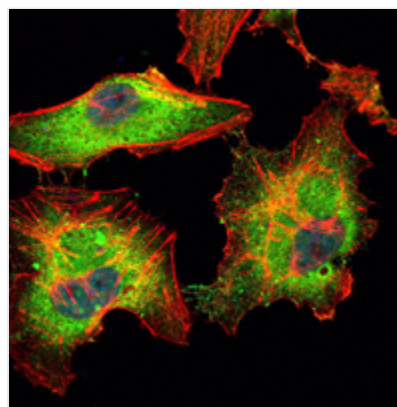
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	1E6
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	505
Applicable Applications for anti-BLK antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human BLK expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



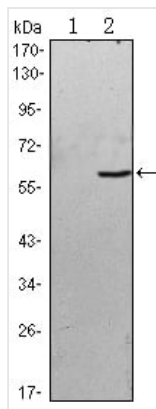
FCM/FACS (Flow Cytometry)

Figure 3: Flow cytometric analysis of HL-60 cells using BLK mouse mAb (green) and negative control (purple).



IF (Immunofluorescence)

Figure 2: Immunofluorescence analysis of HeLa cells using BLK mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



WB (Western Blot)

Figure 1: Western blot analysis using BLK mAb against HEK293 (1) and BLK-hlgGFc transfected HEK293 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-BLK antibody	Blk is a Src family protein tyrosine kinase expressed in all stages of B cell development. Activation of B cells by various ligands is accompanied by activation of Blk. It has been suggested that Blk is involved in the control of B cell differentiation and proliferation. Blk transcripts have also been detected in human thymocytes, but not in mature T cells, implicating that Blk may play an important role in thymopoiesis. Blk function may be redundant, however, as mice that do not express Blk are not impaired with respect to B cell development and immune response.
Product Categories/Family for anti-BLK antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	33469982
NCBI GeneID	640
NCBI Accession #	NP_001706.2
NCBI GenBank Nucleotide #	NM_001715.2
UniProt Accession #	P51451; Q16291; Q96IN1
Molecular Weight	58kDa
NCBI Official Full Name	tyrosine-protein kinase Blk isoform 1
NCBI Official Synonym Full Names	BLK proto-oncogene, Src family tyrosine kinase
NCBI Official Symbol	BLK
NCBI Official Synonym Symbols	MODY11
NCBI Protein Information	tyrosine-protein kinase Blk
UniProt Protein Name	Tyrosine-protein kinase Blk
UniProt Gene Name	BLK

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/mouse-human-antibody/blk/108775>