

Mouse anti-Human BLK Antibody | anti-BLK antibody

BLK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108688	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

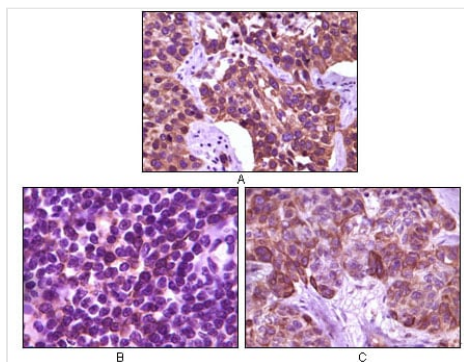
PRODUCT SYNONYMS

BLK; BLK Antibody; MGC10442; anti-BLK antibody

PRODUCT SPECIFICATIONS

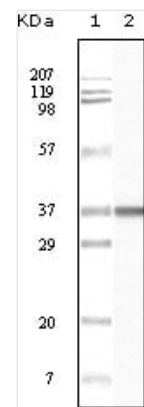
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	9D10B7H6; 9D10A8F8
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	505
Applicable Applications for anti-BLK antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of BLK expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded human lung carcinoma (A), lymph tissue (B) and skin carcinoma (C), showing membrane localization using BLK mouse mAb with DAB staining.



WB (Western Blot)

Figure 1. Western blot analysis using BLK mouse mAb against truncated BLK recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-BLK antibody	BLK (B lymphoid tyrosine kinase), with 505-amino acid protein (about 56KDa), belongs to the Src non-receptor tyrosine kinases family.Different subcellular localizations of Src-family kinases may be important for the regulation of specific cellular processes such as mitogenesis, cytoskeletal organization, and membrane trafficking.Blk is expressed exclusively by B lymphocytes and it is thought to function in a signal transductory pathway specific to this lineage. B lymphoid expression of an active Blk mutant caused proliferation of B progenitor cells and enhanced responsiveness of these cells to interleukin 7. Thus, sustained activation of Blk induces responses normally associated with the pre-BCR.
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	57,706 Da
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/108688>