

BLK Antibody | anti-BLK antibody

BLK (Phospho-Tyr501) Antibody

CATALOG # AAA110771	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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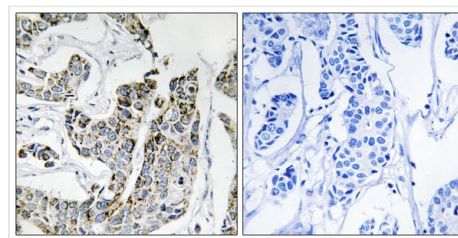
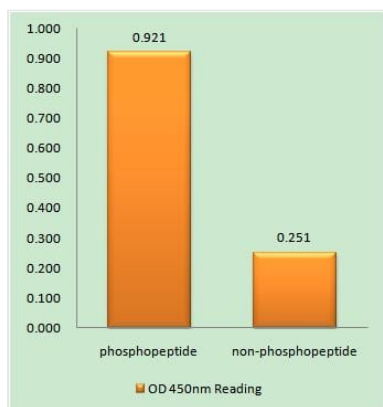
PRODUCT SYNONYMS

BLK; BLK (Phospho-Tyr501) Antibody; B lymphocyte kinase; EC 2.7.10.2; kinase Blk; p55-BLK; Tyrosine-protein kinase BLK; anti-BLK antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	BLK (Phospho-Tyr501) antibody detects endogenous levels of BLK only when phosphorylated at tyrosine 501.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	505
Applicable Applications for anti-BLK antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human BLK around the phosphorylation site of tyrosine 501 (R-Q-YP-E-L).
All Sites	Human: Tyr501 Mouse: Tyr495 Rat: Tyr495
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using BLK (Phospho-Tyr501) antibody. BLK (Phospho-Tyr501) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

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
References	Islam K.B., J. Immunol. 154:1265-1272(1995). Drebin J.A., Oncogene 10:477-486(1995). Greenman C., Nature 446:153-158(2007).

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/blk/110771>