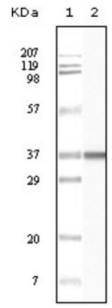
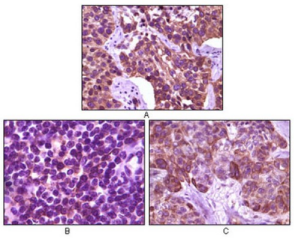
Tyrosine-Protein Kinase BLK (BLK) Antibody

Catalogue No.:abx015724



Western blot analysis using BLK antibody against truncated BLK recombinant protein.



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

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.

Target:	Tyrosine-Protein Kinase BLK (BLK)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, IHC
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of BLK expressed in E. coli.
Isotype:	IgG_1

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Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P51451 (UniProt, ExPASy)
Gene Symbol:	BLK
GeneID:	640
OMIM:	191305
HGNC:	1057
KEGG:	hsa:640
Ensembl:	ENSG00000136573
String:	9606.ENSP00000259089
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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