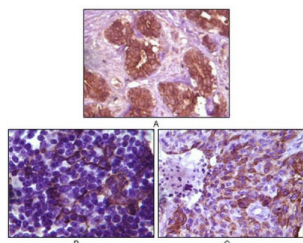


## Tyrosine-Protein Kinase BLK (BLK) Antibody

Catalogue No.: abx010468



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

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.

<b>Target:</b>	Tyrosine-Protein Kinase BLK (BLK)
<b>Clonality:</b>	Monoclonal
<b>Reactivity:</b>	Human
<b>Tested Applications:</b>	ELISA, IHC
<b>Host:</b>	Mouse
<b>Recommended dilutions:</b>	ELISA: 1/10000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Purified recombinant fragment of BLK expressed in E. coli.
<b>Isotype:</b>	IgG <sub>2a</sub>
<b>Form:</b>	Liquid
<b>Purification:</b>	Unpurified ascites.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P51451 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )

# Datasheet

Version: 4.0.0  
Revision date: 12 Sep 2025



**Gene Symbol:** BLK

**GeneID:** [640](#)

**OMIM:** [191305](#)

**HGNC:** 1057

**KEGG:** hsa:640

**Ensembl:** ENSG00000136573

**String:** [9606.ENSP00000259089](#)

**Enzyme Commission Number:** EC 2.7.10.2

**Molecular Weight:** 58 kDa

**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.