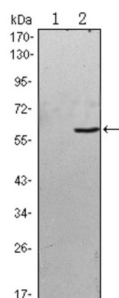
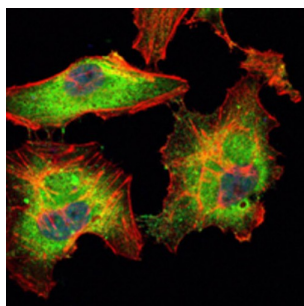


Tyrosine-Protein Kinase BLK (BLK) Antibody

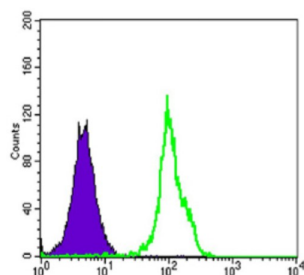
Catalogue No.: abx015775



Western blot analysis using BLK antibody against HEK293 (1) and BLK (AA: 2-200) -hlgGFc transfected HEK293 (2) cell lysate.



Immunofluorescence analysis of HeLa cells using BLK antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.



Flow cytometric analysis of HL-60 cells using BLK antibody (green) and negative control (purple).

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.

Target: Tyrosine-Protein Kinase BLK (BLK)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, IF/ICC, FCM

Host: Mouse

Datasheet

Version: 3.0.0
Revision date: 06 Sep 2025



Recommended dilutions: ELISA: 1/10000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human BLK expressed in E. coli.

Isotype: IgG₁

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](#)

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.