

Blk Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0215
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human Blk expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IF, ICC, FCM, ELISA
Concentration	1 mg/ml
Full name	Tyrosine-protein kinase Blk
Synonyms	BLK; Tyrosine-protein kinase Blk; B lymphocyte kinase; p55-Blk

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a nonreceptor tyrosine-kinase of the src family of proto-oncogenes that are typically involved in cell proliferation and differentiation. The protein has a role in B-cell receptor signaling and B-cell development. The protein also stimulates insulin synthesis and secretion in response to glucose and enhances the expression of several pancreatic beta-cell transcription factors.

Recommended Dilution

ELISA: 1:10000

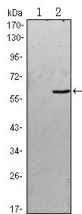
FC: 1:200 - 1:400

IF: 1:200 - 1:1000

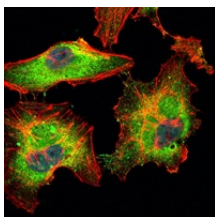
WB: 1:500 - 1:2000

Not yet tested in other applications.

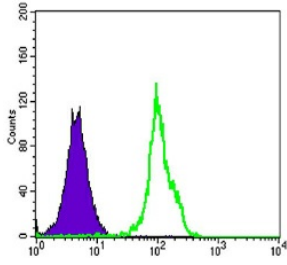
Images



Western Blot analysis using Blk Monoclonal antibody against HEK293 (1) and BLK-hIgGfC transfected HEK293 (2) cell lysate.



Immunofluorescence analysis of HeLa cells using Blk Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



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

Storage

-20°C for one year

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