

# BLK Monoclonal antibody

Catalog Number: 65044-1-Ig

## Basic Information

**Catalog Number:**

65044-1-Ig

**Size:**

150ul , Concentration: 667 µg/ml by Bradford method using BSA as the standard;

**Source:**

Mouse

**Isotype:**

IgG1

**GenBank Accession Number:**

BC007371

**GeneID (NCBI):**

640

**UNIPROT ID:**

P51451

**Full Name:**

B lymphoid tyrosine kinase

**Calculated MW:**

58 kDa

**Observed MW:**

58 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, ELISA

**Species Specificity:**

human

**Positive Controls:**

IHC : Lung cancer tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

Tyrosine-protein kinase Blk(BLK) is typically involved in cell proliferation and differentiation. BLK is a 58 kDa protein with important role in B-cell receptor signaling and B-cell development. BLK also stimulates INS synthesis and secretion in response to glucose and enhances the expression of several pancreatic beta-cell transcription factors.

## Storage

**Storage:**

Store at 2-8°C.

**Storage Buffer:**

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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