

# BLK Monoclonal antibody

Catalog Number: 65044-1-Ig

## Basic Information

**Catalog Number:**

65044-1-Ig

**Size:**

667 µg/ml

**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.

