Datasheet for ABIN2464018

anti-BLK antibody (truncated)

2 Images

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Overview

Quantity:	0.1 mL
Target:	BLK
Binding Specificity:	truncated
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BLK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Ni-NTA purified truncated recombinant BLK expressed in E. Coli strain BL21 (DE3).
Clone:	9D10B7H6-9D10A8F8
Isotype:	IgG1

Target Details

Target:	BLK
Alternative Name:	BLK (BLK Products)
Background:	BLK (B lymphoid tyrosine kinase), with 505-amino acid protein (about 56 kDa), belongs to the Src non-receptor tyrosine kinases family.Different subcellular localizations of Src-family kinases may be important for the regulation of specific cellular processes such as mitogenesis, cytoskeletal organization, and membrane trafficking.Blk is expressed exclusively by B

Target Details

	lymphocytes and it is thought to function in a signal transductory pathway specific to this lineage. B lymphoid expression of an active Blk mutant caused proliferation of B progenitor cells and enhanced responsiveness of these cells to interleukin 7. Thus, sustained activation of Blk induces responses normally associated with the pre-BCR.
Gene ID:	640
UniProt:	P51451
Pathways:	Positive Regulation of Peptide Hormone Secretion, CXCR4-mediated Signaling Events, Thromboxane A2 Receptor Signaling

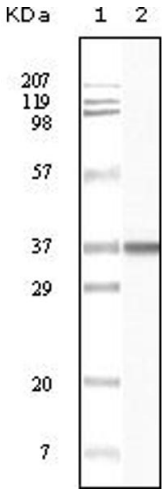
Application Details

Application Notes:	Western Blot:1:500 - 1:2,000 IHC(P):1:500 - 1:2,000 IHC(F):1:500 - 1:2,000 ELISA:Propose dilution 1:10,000. Determining optimal working dilutions by titration test.
Restrictions:	For Research Use only

Handling

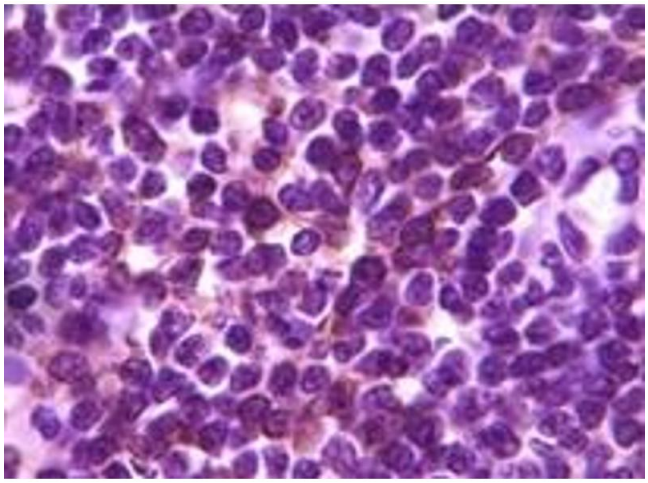
Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Storage:	-20 °C
Storage Comment:	BLK monoclonal antibody can be stored at -20 °C, stable for one year.

Images



Western Blotting

Image 1.



Immunohistochemistry

Image 2.

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