

Summary

Production Name	BLK Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Ascitic fluid containing 0.03% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	BLK
Alternative Names	MGC10442
Gene ID	640.0
SwissProt ID	P51451. Purified recombinant fragment of BLK expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,ELISA:1:10000
Molecular Weight	/

Background

BLK (B lymphoid tyrosine kinase), with 505-amino acid protein (about 56KDa), belongs to the Src non-receptor tyrosine kinases family. Different subcellular localizations of Src-family kinases may be important for the regulation of specific

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Catalog #: AMM80553

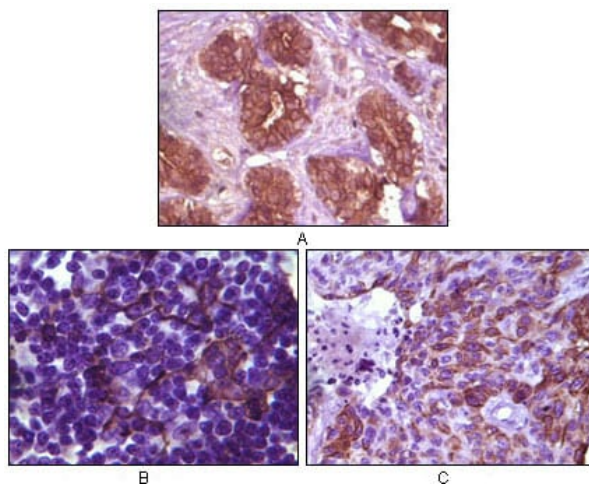


cellular processes such as mitogenesis, cytoskeletal organization, and membrane trafficking. Blk is expressed exclusively by B lymphocytes and it is thought to function in a signal transducing pathway specific to this lineage. B lymphoid expression of an active Blk mutant caused proliferation of B progenitor cells and enhanced responsiveness of these cells to interleukin 7. Thus, sustained activation of Blk induces responses normally associated with the pre-BCR.

Research Area

Jak-STAT signaling pathway

Image Data



Immunohistochemical analysis of paraffin-embedded human breast tissue (A), lymph tissue (B) and skin carcinoma (C), showing membrane localization using BLK mouse mAb with DAB staining.

Note

For research use only.