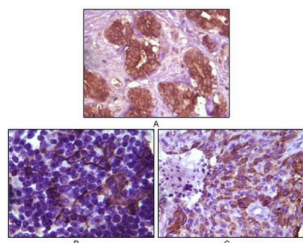


Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Tyrosine-Protein Kinase BLK (BLK) Antibody

Catalogue No.: abx010468



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

Blk is a Src family protein tyrosine kinase expressed in all stages of B cell development. Activation of B cells by various ligands is accompanied by activation of Blk. It has been suggested that Blk is involved in the control of B cell differentiation and proliferation. Blk transcripts have also been detected in human thymocytes, but not in mature T cells, implicating that Blk may play an important role in thymopoiesis. Blk function may be redundant, however, as mice that do not express Blk are not impaired with respect to B cell development and immune response.

Target:	BLK
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Tested Applications:	ELISA, IHC
Recommended dilutions:	ELISA: 1/10000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Purified recombinant fragment of BLK expressed in E. Coli.
Purification:	Unpurified Ascites.
Isotype:	IgG _{2a}
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	58 kDa
Swiss Prot:	P51451

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

GeneID: [640](#)

Gene Symbol: BLK

OMIM: [191305](#)

Enzyme Commission Number: EC 2.7.10.2

HGNC: 1057

Ensembl: ENSG00000136573

Buffer: Ascitic fluid containing 0.03% sodium azide.

Note: This product is for research use only.