

BLK Ab

Cat.#: BF0124
Size: 50ul,100ul,200ul

Concn.: 1mg/ml
Source: Mouse

Mol.Wt.: 58kDa
Clonality: Monoclonal

Application:	ELISA 1/10000, WB 1/500 - 1/2000, ICC 1/200 - 1/1000, FCM 1/200 - 1/400
Reactivity:	Human
Purification:	Affinity-chromatography.
Specificity:	BLK Ab detects endogenous levels of total BLK.
Immunogen:	Purified recombinant fragment of human BLK expressed in E. Coli.
Uniprot:	P51451
Description:	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 .
Subcellular Location:	Plasma membrane;
Tissue Specificity:	Expressed in lymphatic organs, pancreatic islets, Leydig cells, striate ducts of salivary glands and hair follicles.
Similarity:	Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily.
Storage Condition and Buffer:	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

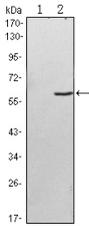


Figure 1: Western blot analysis using BLK mAb against HEK293 (1) and BLK(AA: 2-200)-hlgGfC transfected HEK293 (2) cell lysate.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.