

<b>Product name:</b>	BLK Mouse Monoclonal Antibody
<b>Cat number:</b>	MABN80921
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Mouse
<b>Isotype:</b>	Mouse IgG1
<b>Immunogen:</b>	Purified recombinant fragment of human BLK expressed in E. Coli.
<b>Reactivity:</b>	Human
<b>Applications:</b>	ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight:</b>	58kDa
<b>Purification:</b>	Affinity Purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Ascitic fluid containing 0.03% sodium azide.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	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 .