

Mouse Monoclonal Antibody to BLK

Catalogue Number	sAP-0487
Target Molecule	Name: BLK Aliases: MODY11; MGC10442; BLK MW: 58kDa Entrez Gene ID: 640
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 .
Immunogen	Purified recombinant fragment of human BLK expressed in E. Coli.
Reactive Species	Human
Clone	MM1E6;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. N Engl J Med. 2008 Feb 28;358(9):900-9. ; 2. Genes Immun. 2009 Apr;10(3):219-26. ; 3. Proc Natl Acad Sci U S A. 2009 Aug 25;106(34):14460-5.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**