

Mouse Monoclonal Antibody to KLF1

Catalogue Number	sAP-0794
Target Molecule	Name: KLF1 Aliases: EKLF; INLU; HBFQTL6 MW: 38.2kDa Entrez Gene ID: 10661
Description	This gene encodes a hematopoietic-specific transcription factor that induces high-level expression of adult beta-globin and other erythroid genes. The zinc-finger protein binds to the DNA sequence CCACACCCT found in the beta hemoglobin promoter. Heterozygous loss-of-function mutations in this gene result in the dominant In(Lu) blood phenotype. ; ;
Immunogen	Purified recombinant fragment of human KLF1 (AA: 208-362) expressed in E. Coli.
Recombinant Species	Human;
Clone	MM1B6A3;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% 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; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Biol Chem. 2011 Jul 15;286(28):24819-27. ; 2. Nat Genet. 2010 Sep;42(9):742-4. ;

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**