

Mouse Monoclonal Antibody to KLF4

Catalogue Number	sAP-0434
Target Molecule	Name: KLF4 Aliases: EZF; GKLF; KLF4 MW: 55kDa Entrez Gene ID: 9314
Description	Kruppel-like factor 4 (gut),endothelial Kruppel-like zinc finger protein. May act as a transcriptional activator. Binds the CACCC core sequence. May be involved in the differentiation of epithelial cells and may also function in the development of the skeleton and kidney. KLF4 is highly expressed in the epithelial cells of the skin and the gastrointestinal tract.
Immunogen	Purified recombinant fragment of human KLF4 (AA: 2-470) expressed in E. Coli.; ;
Reactive Species	Human;
Clone	MM1E5;
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; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Mol Hum Reprod. 2009 Aug;15(8):479-88. ; 2. Circ Res. 2009 Sep 25;105(7):648-56.

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**