

Mouse Monoclonal Antibody to HOXB4

Catalogue Number	sAP-0919
Target Molecule	Name: HOXB4 Aliases: HOX2; HOX2F; HOX-2.6 MW: 27.6kDa Entrez Gene ID: 3214
Description	This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Intracellular or ectopic expression of this protein expands hematopoietic stem and progenitor cells in vivo and in vitro, making it a potential candidate for therapeutic stem cell expansion. ;
Immunogen	Purified recombinant fragment of human HOXB4 (AA: 16-251) expressed in E. Coli.
Recitative Species	Human;
Clone	MM3A2F2;
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 H2O, 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. Blood. 2012 May 10;119(19):e139-47. ; 2. J Cancer Res Clin Oncol. 2012 Feb;138(2):293-300. ;

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 end users! This product is sold for **Research Use Only**