

Mouse Monoclonal Antibody to GATA3

Catalogue Number	sAP-0403
Target Molecule	<p>Name: GATA3</p> <p>Aliases: HDR;MGC2346;MGC5199;MGC5445;GATA3</p> <p>MW: 48kDa</p> <p>Entrez Gene ID: 2625</p>
Description	<p>This gene encodes a protein which belongs to the GATA family of transcription factors. The protein contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell biology. Defects in this gene are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia. (provided by RefSeq) Tissue specificity: T-cells and endothelial cells RD: GATA-3 belongs to the GATA family of transcription factors, which bind to the consensus DNA sequence (A/T) GATA (A/G) to control diverse tissue-specific programs of gene expression and morphogenesis. It is widely expressed in mesodermal- and endodermal-derived tissues. GATA-3 has been shown to be an essential regulator for immune cell function, sympathetic neuron development, and the maintenance of hematopoietic stem cells.</p>
Immunogen	Purified recombinant fragment of human GATA3 expressed in E. Coli. ;
Reactive Species	Human
Clone	MM7B5;
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. Biogerontology. 2009 Oct;10(5):593-604. ; 2. Arthritis Rheum. 2009 Mar;60(3):750-9.

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**