ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Mouse Monoclonal Antibody to GATA3

Cataloge Number	sAP-0156
Target Molecule	**Name: GATA3** **Aliases:** HDR **MW: N/A** **Entrez Gene ID: 2625**
Descrption	GATA3: GATA binding protein 3. The genes for all 4 subunits of the T-cell antigen receptor (alpha, beta, gamma and delta) are controlled by distinct enhancers and their enhancer-binding proteins. Marine and Winoto (1991) identified a common TCR regulatory element by demonstrating binding of the enhancer-binding protein GATA3 to the enhancer elements of all 4 TCR genes. GATA3 had been shown in the chicken to be an enhancer-binding protein containing a zinc finger domain. GATA3 mRNA was demonstrated by Northern blot analysis in T cells but not in B cells, macrophages, or HeLa cell lines. GATA3 is abundantly expressed in the T-lymphocyte lineage and is thought to participate in T-cell receptor gene activation through binding to enhancers. Labastie et al. (1994) cloned the human gene and the 5-prime end of the
Immunogen	Purified recombinant fragment of GATA3 (aa175-388) expressed in E. Coli.
Recitative Species	Human
Clone	MM1A10D1;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstitued 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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Cancer Res. 2005 Dec 15;65(24):11259-64. ; 2. J Histochem Cytochem. 2006 Feb;54(2):161-9. ; 3. Int Arch Allergy Immunol. 2006;139(4):306-16.

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

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