

GATA3 Ab

Cat.#: BF0568
Size: 50ul,100ul,200ul

Concn.: 1mg/ml
Source: Mouse

Mol.Wt.: 48kDa
Clonality: Monoclonal

Application:	ELISA 1/10000, WB 1/500 - 1/2000, IHC 1/200 - 1/1000
Reactivity:	Human
Purification:	Affinity-chromatography.
Specificity:	GATA3 Ab detects endogenous levels of total GATA3.
Immunogen:	Purified recombinant fragment of human GATA3 expressed in E. Coli.
Uniprot:	P23771
Description:	GATA3 is a transcriptional activator which binds to the enhancer of the T cell receptor alpha and delta genes. Binds to the consensus sequence 5'-AGATAG-3'.
Subcellular Location:	Nucleus.
Tissue Specificity:	T-cells and endothelial cells.
Similarity:	Binds DNA via the 2 GATA-type zinc fingers. Each zinc finger may bind either adjacent sites in a palindromic motif, or a different DNA molecule allowing looping and long-range gene regulation.The YxKxHxxxRP motif is critical for DNA-binding and function.
Storage Condition and Buffer:	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

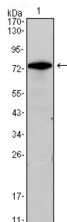


Figure 1: Western blot analysis using GATA3 mouse mAb against GATA3(AA: full length)-hlgGfC transfected HEK293 cell lysate.

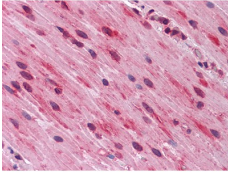


Figure 2: Immunohistochemical analysis of paraffin-embedded human Small Intestine, muscularis propria tissues using anti-GATA3 mouse mAb

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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