



GATA3 Mouse Monoclonal Antibody

E10-30050

Background: 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 the differentiated state in epithelial cells.

Catalog Number: E10-30050

Amount: 100µg/100µl

Clone Number: 7B5

Species: Mouse IgG1

MW 48kDa

Aliases: HDR;MGC2346;MGC5199;MGC5445;GATA3

Entrez Gene: 2625

Immunogen: Purified recombinant fragment of human GATA3 expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, IHC, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, IHC: 1/200-1/1000, ELISA: Propose dilution 1/10000.

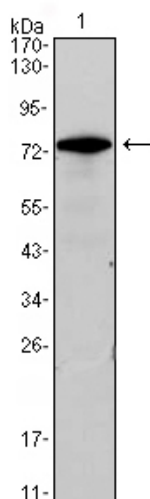


Figure 1: Western blot analysis using GATA3 mouse mAb against GATA3-hlgGfc transfected HEK293 cell lysate.

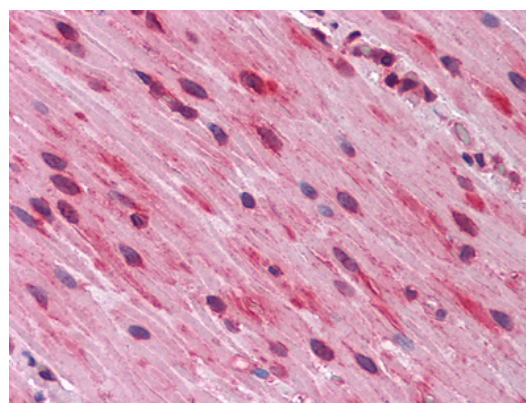


Figure 2: Immunohistochemical analysis of paraffin-embedded human Small Intestine, muscularis propria tissues using anti-GATA3 mouse mAb

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