

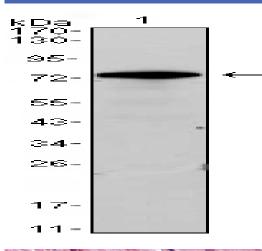
GATA-3 Monoclonal Antibody

| Catalog No : | YM0298 |
|--------------------------|---|
| Reactivity : | Human |
| Applications : | WB;IHC;IF;ELISA |
| Target : | GATA-3 |
| Fields : | >>Th1 and Th2 cell differentiation;>>Th17 cell differentiation;>>Parathyroid hormone synthesis, secretion and action;>>Inflammatory bowel disease |
| Gene Name : | GATA3 |
| Protein Name : | Trans-acting T-cell-specific transcription factor GATA-3 |
| Human Gene Id : | 2624 |
| Human Swiss Prot No : | P23771 |
| Mouse Swiss Prot | P23772 |
| No : Immunogen : | Purified recombinant fragment of human GATA-3 expressed in E. Coli. |
| Specificity : | GATA-3 Monoclonal Antibody detects endogenous levels of GATA-3 protein. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Monoclonal, Mouse |
| Dilution : | WB 1:500 - 1:2000. IHC 1:200 - 1:1000. ELISA: 1:10000 IF 1:50-200 |
| Purification : | Affinity purification |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Molecularweight : | 48kD |

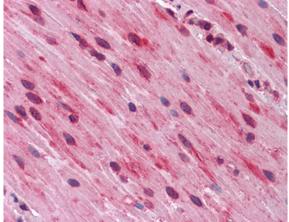


| P References : | 1. Biogerontology. 2009 Oct;10(5):593-604. 2. Arthritis Rheum. 2009 Mar;60(3):750-9. |
|---------------------------|--|
| Background : | This gene encodes a protein which belongs to the GATA family of transcription factors. The protein contains two GATA-type zinc fingers and is an 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, Nov 2009], |
| Function : | disease:Defects in GATA3 are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia (HDR) [MIM:146255]; also known as Barakat syndrome.,function:Transcriptional activator which binds to the enhancer of the T-cell receptor alpha and delta genes. Binds to the consensus sequence 5'-AGATAG-3'.,similarity:Contains 2 GATA-type zinc fingers.,tissue specificity:T- cells and endothelial cells., |
| Subcellular Location : | Nucleus. |
| Expression : | T-cells and endothelial cells. |

Products Images



Western Blot analysis using GATA-3 Monoclonal Antibody against GATA3-hIgGFc transfected HEK293 cell lysate.



Immunohistochemistry analysis of paraffin-embedded human Small Intestine, muscularis propria tissues with AEC staining using GATA-3 Monoclonal Antibody.