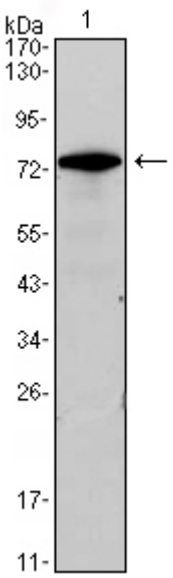
GATA-3 Monoclonal Antibody

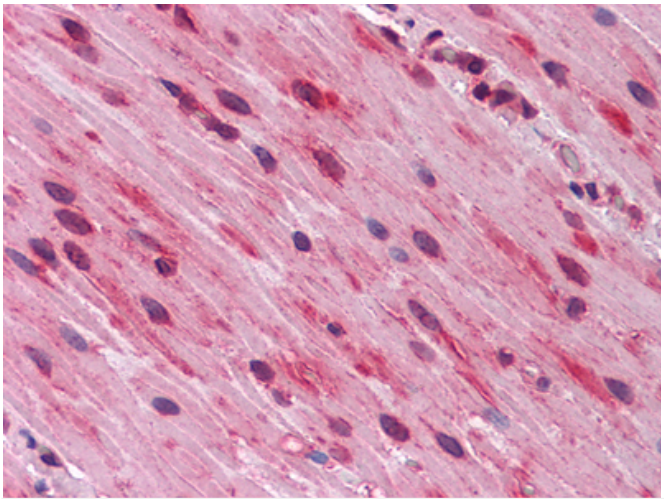
Catalog No	YP-Ab-00986
Isotype	IgG
Reactivity	Human
Applications	WB;IHC;IF;ELISA
Gene Name	GATA3
Protein Name	Trans-acting T-cell-specific transcription factor GATA-3
Immunogen	Purified recombinant fragment of human GATA-3 expressed in E. Coli.
Specificity	GATA-3 Monoclonal Antibody detects endogenous levels of GATA-3 protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	WB: 1/500 - 1/2000. IHC: 1/200 - 1/1000. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GATA3; Trans-acting T-cell-specific transcription factor GATA-3; GATA-binding factor 3
Observed Band	
Cell Pathway	Nucleus.
Tissue Specificity	T-cells and endothelial cells.
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.,
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],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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.