

Anti-Phospho-GATA3 (S308) Rabbit Monoclonal Antibody

Catalog # ABO13162

Product Information

Application	WB, IHC, IP
Primary Accession	P23771
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Phospho-GATA3 (S308) Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human.

Additional Information

Gene ID	2625
Other Names	Trans-acting T-cell-specific transcription factor GATA-3, GATA-binding factor 3, GATA3
Calculated MW	47916
Application Details	WB 1:500-1:2000 IHC 1:50-1:100 IP 1:50
Subcellular Localization	Nucleus.
Tissue Specificity	T-cells and endothelial cells.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: DHF-7
Immunogen	A synthesized peptide derived from human Phospho-GATA3 (S308)
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	GATA3
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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'. Required for the T-helper 2 (Th2) differentiation process following immune and inflammatory responses. Positively regulates ASB2 expression (By similarity). Coordinates macrophage transcriptional activation and UCP2-dependent metabolic reprogramming in response to IL33. Upon tissue injury, acts downstream of IL33 signaling to drive differentiation of inflammation-resolving alternatively activated macrophages.

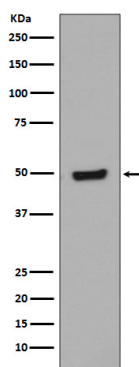
Cellular Location

Nucleus.

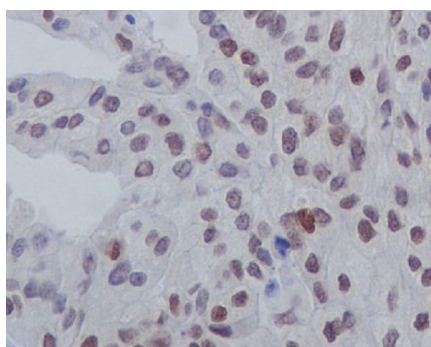
Tissue Location

T-cells and endothelial cells.

Images



Western blot analysis of Phospho-GATA3 (S308) Jurkat cell lysate treated with Bromo-cAMP.



Immunohistochemical analysis of paraffin-embedded human bladder cancer, using Phospho-GATA3 (S308) Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.