

**Phospho-GATA3 (S308) Antibody**  
Rabbit mAb  
Catalog # AP90511**Specification**

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**Phospho-GATA3 (S308) Antibody - Product Information**

Application	WB, IHC, IP
Primary Accession	<a href="#">P23771</a>
Clonality	Monoclonal
<b>Other Names</b>	
GATA-binding factor 3; Trans-acting T-cell specific transcription factor GATA-3; GATA3;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	47916 Da

**Phospho-GATA3 (S308) Antibody - Additional Information**

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human Phospho-GATA3 (S308)</b>
Description	<b>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.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

**Phospho-GATA3 (S308) Antibody - Protein Information****Name** GATA3**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

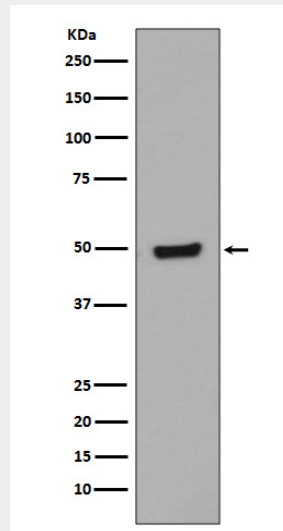
T-cells and endothelial cells.

### Phospho-GATA3 (S308) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Phospho-GATA3 (S308) Antibody - Images



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