

# GATA3 Rabbit mAb

Catalog # AP77217

## Product Information

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<b>Application</b>	WB, IHC-P, IF, FC, ICC, CHIP
<b>Primary Accession</b>	<a href="#">P23771</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human GATA3
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	47916

## Additional Information

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<b>Gene ID</b>	2625
<b>Other Names</b>	GATA3
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 FC~~1:10~50 ICC~~N/A CHIP~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

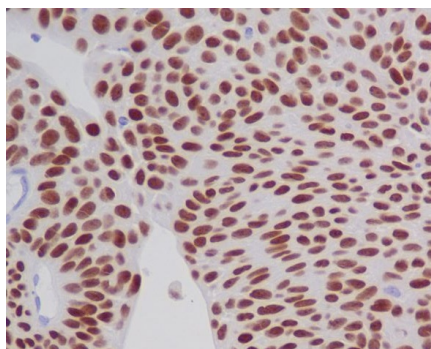
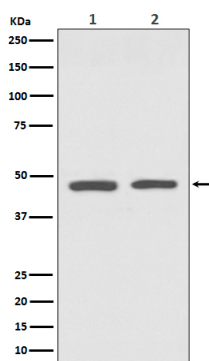
## Protein Information

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<b>Name</b>	GATA3
<b>Function</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. 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.
<b>Cellular Location</b>	Nucleus.
<b>Tissue Location</b>	T-cells and endothelial cells.

## Images

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