

# GATA3

Rabbit Monoclonal antibody(Mab)

Catalog # AD80077

## Product Information

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|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P                  |
| Primary Accession | <a href="#">P23771</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Monoclonal             |
| Clone Names       | 255B6B8                |
| Calculated MW     | 47916                  |

## Additional Information

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|             |  |
|-------------|--|
| Gene ID     | 2625   |
| Gene Name   | GATA3  |
| Other Names | Trans-acting T-cell-specific transcription factor GATA-3, GATA-binding factor 3, GATA3           |
| Dilution    | IHC-P~~Ready-to-use  |
| Storage     | Maintain refrigerated at 2-8°C.  |
| Precautions | GATA3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

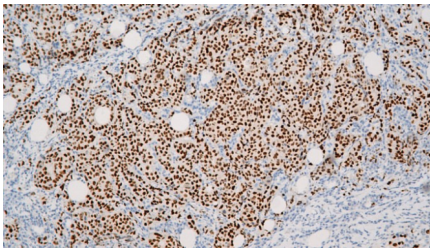
## Protein Information

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|                   |  |
|-------------------|--|
| 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.   |

## Images

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