

## Rabbit anti-Human, Mouse MITF Polyclonal Antibody | anti-MITF antibody

MITF Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA237596 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

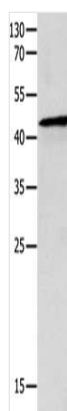
### PRODUCT SYNONYMS

MITF; Polyclonal Antibody; MITF Antibody; microphthalmia-associated Transcription factor; anti-MITF antibody

### PRODUCT SPECIFICATIONS

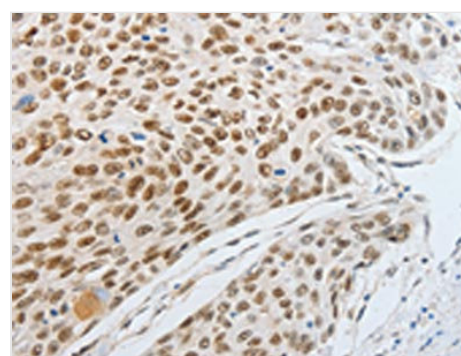
|                                                |                                                                                         |
|------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                  |
| Reactivity                                     | Human, Mouse                                                                            |
| Clonality                                      | Polyclonal                                                                              |
| Isotype                                        | IgG                                                                                     |
| Purity/Purification                            | Antigen Affinity Purification                                                           |
| Form/Format                                    | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-MITF antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                    |
| Immunogen                                      | Fusion protein of human MITF                                                            |
| Immunogen Species                              | Human                                                                                   |
| Conjugate                                      | Non-conjugated                                                                          |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.             |

### IMAGES



#### SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane: Jurkat cells, Primary antibody: AAA237596(MITF Antibody) at dilution 1/300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using AAA237596(MITF Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: ×200)

ADDITIONAL INFORMATION

|                                                  |                                   |
|--------------------------------------------------|-----------------------------------|
| Product Categories/Family for anti-MITF antibody | Epigenetics and Nuclear Signaling |
|--------------------------------------------------|-----------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4557755                                                                                   |
| NCBI GeneID                      | 4286                                                                                      |
| NCBI Accession #                 | NP_000239.1                                                                               |
| NCBI GenBank Nucleotide #        | NM_000248.3                                                                               |
| UniProt Accession #              | O75030; Q14841; Q9P2V0; Q9P2V1; Q9P2V2; Q9P2Y8; B4DJL2; D3K197; E9PFN0                    |
| Molecular Weight                 | 58,795 Da                                                                                 |
| NCBI Official Full Name          | microphthalmia-associated transcription factor isoform 4                                  |
| NCBI Official Synonym Full Names | microphthalmia-associated transcription factor                                            |
| NCBI Official Symbol             | MITF                                                                                      |
| NCBI Official Synonym Symbols    | MI; WS2; CMM8; WS2A; bHLHe32                                                              |
| NCBI Protein Information         | microphthalmia-associated transcription factor; class E basic helix-loop-helix protein 32 |
| UniProt Protein Name             | Microphthalmia-associated transcription factor                                            |
| UniProt Gene Name                | <b>MITF</b>                                                                               |
| UniProt Synonym Gene Names       | BHLHE32; bHLHe32                                                                          |
| UniProt Entry Name               | MITF_HUMAN                                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mitf-antibody-immunohistochemistry-western-blot-elisa/237596>