

## Mouse anti-Human OCT1 Monoclonal Antibody | anti-OCT1 antibody

Mouse anti-OCT1 Antibody

|                               |                      |                            |                                                           |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA220093</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

OCT1; Monoclonal Antibody; Mouse anti-OCT1 Antibody; OTF1; POU domain class 2 transcription factor 1; NF-A1; Octamer-binding protein 1; Oct-1; Octamer-binding transcription factor 1; OTF-1; anti-OCT1 antibody

### PRODUCT SPECIFICATIONS

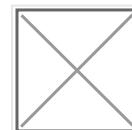
|                                                |                                                                                                            |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                      |
| Reactivity                                     | Human                                                                                                      |
| Clonality                                      | Monoclonal                                                                                                 |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.  |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                     |
| Applicable Applications for anti-OCT1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                              |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence of human OCT1. The exact sequence is proprietary. |
| Preparation and Storage                        | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                  |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of 42278 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of 42278 expression in Hela (A), Jurkat (B), HepG2 (C) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                  |                    |
|--------------------------------------------------|--------------------|
| Product Categories/Family for anti-OCT1 antibody | Primary antibodies |
|--------------------------------------------------|--------------------|

### NCBI AND UNIPROT INFORMATION

|                           |                |
|---------------------------|----------------|
| NCBI GI #                 | 311771667      |
| NCBI GeneID               | 5451           |
| NCBI Accession #          | NP_001185712.1 |
| NCBI GenBank Nucleotide # | NM_001198783.1 |

|                                  |                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt Accession #              | P14859; P09086                                                                                                                                                              |
| Molecular Weight                 | 76,472 Da                                                                                                                                                                   |
| NCBI Official Full Name          | POU domain, class 2, transcription factor 1 isoform 2                                                                                                                       |
| NCBI Official Synonym Full Names | POU class 2 homeobox 1                                                                                                                                                      |
| NCBI Official Symbol             | POU2F1                                                                                                                                                                      |
| NCBI Official Synonym Symbols    | OCT1; OTF1; oct-1B                                                                                                                                                          |
| NCBI Protein Information         | POU domain, class 2, transcription factor 1; NF-A1; OTF-1; oct-1; octamer-binding protein 1; Octamer-binding transcription factor-1; octamer-binding transcription factor 1 |
| UniProt Protein Name             | POU domain, class 2, transcription factor 1                                                                                                                                 |
| UniProt Gene Name                | <b>POU2F1</b>                                                                                                                                                               |
| UniProt Synonym Gene Names       | OCT1; OTF1; Oct-1; OTF-1                                                                                                                                                    |
| UniProt Entry Name               | PO2F1_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://stage.aaabiotech.com/monoclonal/oct1-antibody-immunohistochemistry-western-blot-elisa/220093>