

## Anti-POU5F1 antibody (STJ98523)

STJ98523

### GENERAL INFORMATION

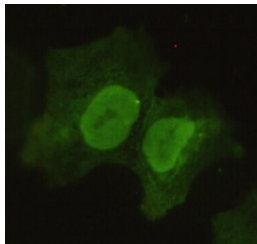
|                          |   |
|--------------------------|---|
| <b>Product Type</b>      | Primary antibodies  |
| <b>Short Description</b> | Mouse monoclonal antibody anti-Pou Domain-Class 5-Transcription Factor 1 is suitable for use in Western Blot, Flow Cytometry, Immunofluorescence and Immunocytochemistry research applications. |
| <b>Applications</b>      | WB, FC, IF, ICC   |
| <b>Host/Source</b>       | Mouse   |
| <b>Reactivity</b>        | Human   |

### PRODUCT PROPERTIES

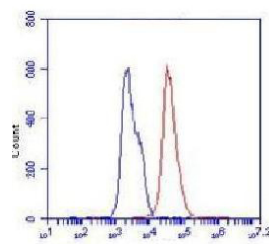
|                            |  |
|----------------------------|--|
| <b>Clonality</b>           | Monoclonal   |
| <b>Clone ID</b>            |  |
| <b>Concentration</b>       | 1 mg/mL  |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Purification</b>        | The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads. |
| <b>Dilution Range</b>      | WB 1:1000-1:2000<br>FC 1:100-1:200<br>IF 1:100-1:500   |
| <b>Formulation</b>         | Buffer, 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% Sodium Azide, 50% Glycerol.                                  |
| <b>Isotype</b>             |  |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                         |

### TARGET INFORMATION

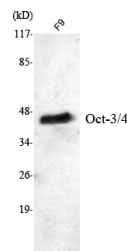
|                           |   |
|---------------------------|---|
| <b>Gene ID</b>            | 5460  |
| <b>Gene Symbol</b>        | POU5F1  |
| <b>Uniprot ID</b>         | P05F1_HUMAN   |
| <b>Immunogen</b>          | Purified recombinant human Oct-3/4 protein fragments expressed in E.coli.   |
| <b>Immunogen Region</b>   |   |
| <b>Specificity</b>        | POU5F1 monoclonal antibody (Pou Domain-Class 5-Transcription Factor 1) binds to endogenous Pou Domain-Class 5-Transcription Factor 1. |
| <b>Immunogen Sequence</b> |   |



Immunofluorescence analysis of COS7 cells using Oct-3/4 monoclonal antibody.



Flow cytometric analysis of F9 cells stained with Oct-3/4 monoclonal antibody (red), followed by FITC-conjugated goat anti-mouse IgG. Blue line histogram represents the isotype control, normal mouse IgG.



Western blot analysis using Oct-3/4 monoclonal antibody against F9 cell lysate.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081