

## Anti-POU5F1 antibody [7E7] (STJ98287)

STJ98287

### GENERAL INFORMATION

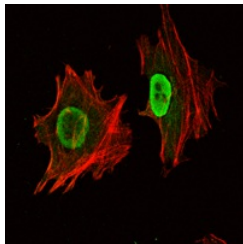
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-POU domain, class 5, transcription factor 1 is suitable for use in Western Blot, Immunofluorescence, Flow Cytometry and ELISA research applications.
<b>Applications</b>	WB/IF/FC/ELISA
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

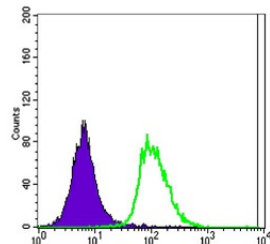
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	7E7
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB 1:500-1:2000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
<b>Formulation</b>	Liquid in PBS containing 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
<b>Isotype</b>	IgG1
<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

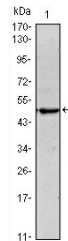
<b>Gene ID</b>	5460
<b>Gene Symbol</b>	POU5F1
<b>Uniprot ID</b>	PO5F1_HUMAN
<b>Immunogen</b>	Synthesized peptide derived from internal of human Oct-3/4.
<b>Immunogen Region</b>	
<b>Specificity</b>	Oct-3/4 Monoclonal Antibody detects endogenous levels of Oct-3/4 protein.
<b>Immunogen Sequence</b>	



Immunofluorescence analysis of NTERA-2 cells using Oct-3/4 monoclonal antibody (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of Jurkat cells using Oct-3/4 monoclonal antibody (green) and negative control (purple).



Western blot analysis using Oct-3/4 monoclonal antibody against NTERA-2 (1) 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