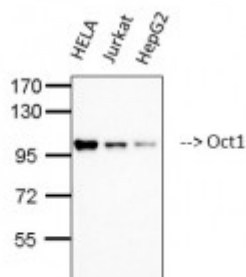


## Anti-Oct1 antibody



Western Blot (WB) analysis of 1. HELA 2. Jurkat 3. HepG2 cells using Oct1 Monoclonal Antibody. (STJ96991)



### Description

Oct1 is a protein encoded by the POU2F1 gene which is approximately 76,4 kDa. Oct1 is localised to the nucleus. It is involved in cytokine signalling in the immune system, the BRCA1 pathway and PEDF induced signalling. It is a transcription factor that binds to the octamer motif (5-ATTTGCAT-3) and activates the promoters of the genes for some small nuclear RNAs and of genes such as those for histone H2B and immunoglobulins. It also modulates transcription transactivation by NR3C1, AR and PGR. Oct1 is expressed in the liver, lung, skin and cells of the nervous system. Mutations in the POU2F1 gene may result in primary amoebic meningoencephalitis. STJ96991 was developed from clone 7G1 and was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. The antibody detects endogenous Oct1 protein.

<b>Model</b>	STJ96991
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Applications</b>	WB
<b>Immunogen</b>	Synthetic Peptide
<b>Gene ID</b>	<a href="#">5451</a>
<b>Gene Symbol</b>	<a href="#">POU2F1</a>
<b>Dilution range</b>	WB 1:500-2000
<b>Specificity</b>	The antibody detects endogenous Oct1 protein.
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-

chromatography using specific immunogen.

<b>Clone ID</b>	7G1
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	POU domain, class 2, transcription factor 1 NF-A1 Octamer-binding protein 1 01/10/01 Octamer-binding transcription factor 1 OTF-1
<b>Clonality</b>	Monoclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG1
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:9212OMIM:164175</a>
<b>Alternative Names</b>	POU domain, class 2, transcription factor 1 NF-A1 Octamer-binding protein 1 01/10/01 Octamer-binding transcription factor 1 OTF-1

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