



# ELK Biotechnology

Oct1 Mouse mAb

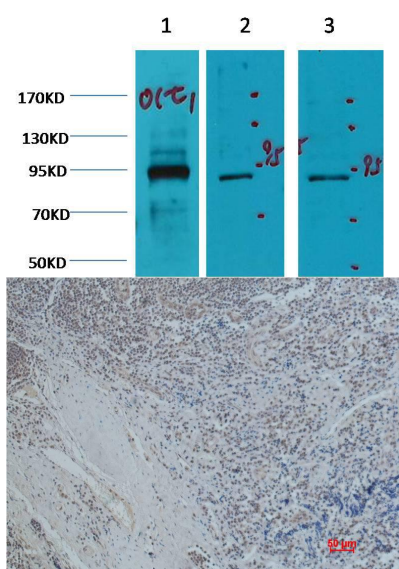
Catalog NO.: EM1089

For research use only.

## Overview

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Product name	Oct1 Mouse Monoclonal antibody
Source	Mouse
Applications	<b>WB IHC</b>
Species reactivity	<b>Human</b>
Recommended dilutions	<b>WesternBlot:1/500-2000</b> <b>Immunohistochemistry:1/200-500</b> <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	<b>89kDa</b>
GeneID (Human)	5451
Human Swiss-Prot No.	P14859
Cellular localization	Nucleus
Alternative Names	POU2F1 NF A1 Octamer binding protein antibody OTF PO21 PO2F1
Background	POU domain class 2 transcription factor is a protein that in humans is encoded by the POU2F1 gene. Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3') and activates the promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins.



Western blot analysis of) HeLa 2) Jurkat 3) HepG2 with Oct1 Mouse mAb:2000

Immunohistochemical analysis of paraffin-embedded Human Tonsil Carcinoma using Oct1 (EM1089) Mouse mAb diluted at:500.