

Oct1 Mouse Monoclonal Antibody (27-7G1)

Catalog No: #38046

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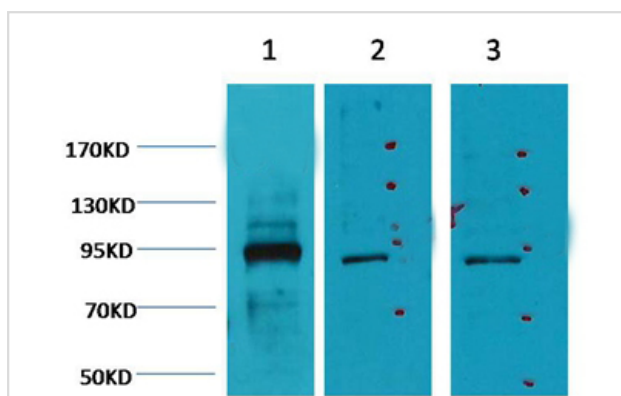
Description

Product Name	Oct1 Mouse Monoclonal Antibody (27-7G1)
Host Species	Mouse
Clonality	Monoclonal
Clone No.	27-7G1
Purification	Affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Hu
Specificity	Antibody detects endogenous Oct1 protein.
Target Name	1-Oct
Other Names	NF-A1; Oct-1; OCT1; Octamer-binding protein 1; Octamer-binding transcription factor 1
Accession No.	Swiss-Prot#:P14859
Uniprot	P14859
GeneID	5451;
SDS-PAGE MW	90kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

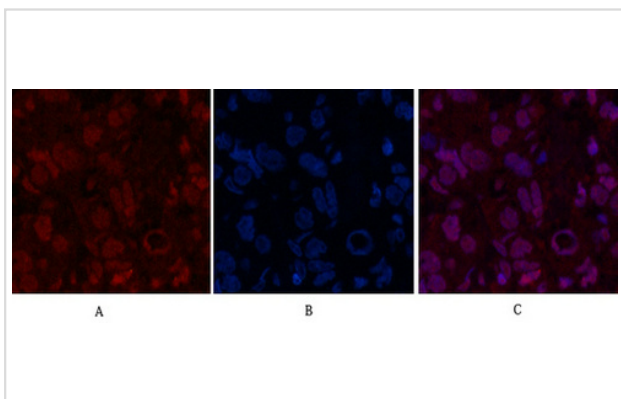
Application Details

WB dilution: 1:500~1:2000IHC dilution:1:50-300IF dilution:1:200

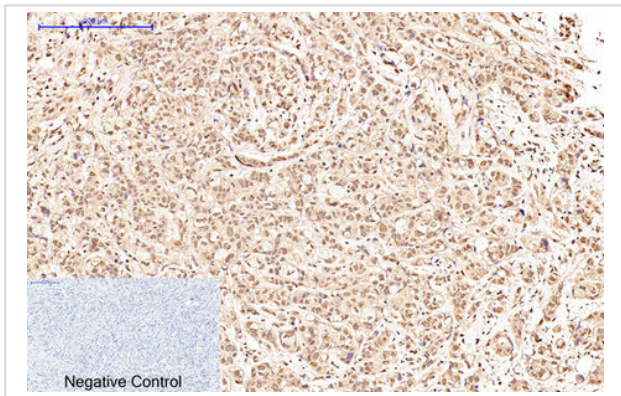
Images



Western blot analysis of 1) HeLa, 2) Jurkat, 3) HepG2, using #38046



Immunofluorescence analysis of Human-breast-cancer tissue. 1, Oct1 Monoclonal Antibody(7G1)(red) was diluted at 1:200(4C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min). 3, Picture B: DAPI(blue) 10min. Picture A: Target. Picture C: merge of A+B



Immunohistochemical analysis of paraffin-embedded Human-breast-cancer tissue. 1, Oct1 Monoclonal Antibody(7G1) was diluted at 1:200(4C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

Background

POU domain, class 2, transcription factor 1 is a protein that in humans is encoded by the POU2F1 gene. Transcription factor that binds to the octamer motif (5'-ATTTCAT-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.

Note: This product is for in vitro research use only