

Oct1 Monoclonal Antibody(7G1)

Catalog # AP63343

Product Information

Application	WB, IHC-P, IF
Primary Accession	P14859 , P09086
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	76472

Additional Information

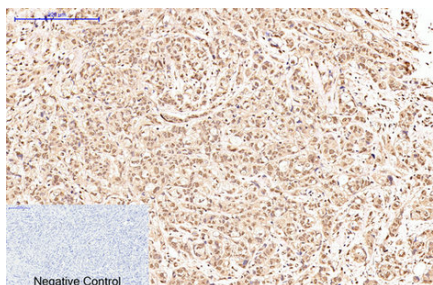
Gene ID	5451
Dilution	WB~~WB: 1:500-2000 IF 1:200 IHC 1:50-300 IHC-P~~N/A IF~~1:50~200
Format	PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.
Storage Conditions	-20°C

Protein Information

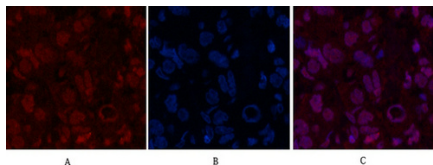
Name	POU2F1
Synonyms	OCT1, OTF1
Function	Transcription factor that binds to the octamer motif (5'- ATTTGCAT-3') and activates the promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins. Modulates transcription transactivation by NR3C1, AR and PGR.
Cellular Location	Nucleus.
Tissue Location	Ubiquitous. Isoform 2 is lymphocyte-specific.

Images

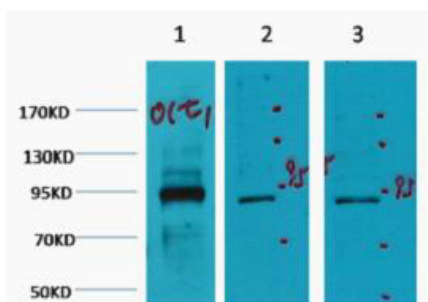
Immunohistochemical analysis of paraffin-embedded Human-breast-cancer tissue. 1,Oct1 Monoclonal Antibody(7G1) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted



at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



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



Western blot analysis of 1) Hela, 2) Jurkat, 3) HepG2, diluted at 1:2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.