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# Oct1 Monoclonal Antibody(7G1)

Catalog # AP63343

## Product Information

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

## Additional Information

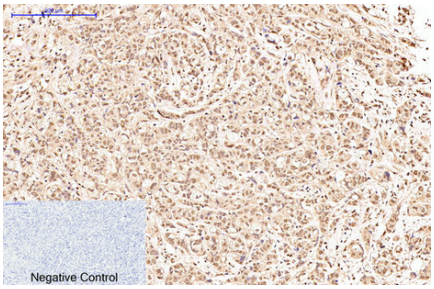
| | |
|---|---|
| **Gene ID** | 5451 |
| **Dilution** | WB~~WB: 1:500-2000 IF 1:200 IHC 1:50-300 IHC-P~~WB: 1:500-2000 IF 1:200 IHC 1:50-300 IF~~1:50~200 ICC~~N/A |
| **Format** | PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol. |
| **Storage Conditions** | -20℃ |

## Protein Information

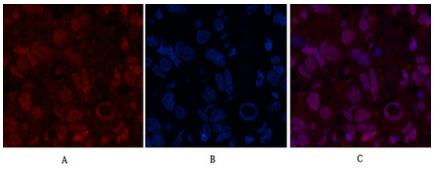
| | |
|---|---|
| **Name** | POU2F1 |
| **Synonyms** | OCT1, OTF1 |
| **Function** | Transcription factor that binds to the octamer motif (5'- ATTTGCAT-3') and activates the promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins. Modulates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

## Images

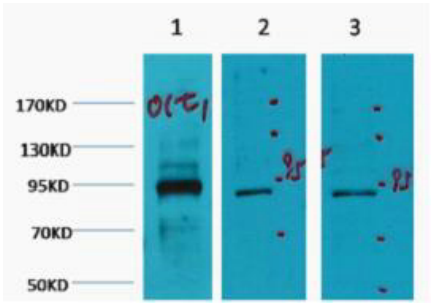
Immunohistochemical analysis of paraffin-embedded Human-breast-cancer tissue. 1,Oct1 Monoclonal Antibody(7G1) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody




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 labled 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'.