

## Oct1 Monoclonal Antibody(7G1)

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA0066
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthetic Peptide of 42644
<b>Mol wt</b>	76472
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, IHC-p, IF, ICC,
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	POU domain class 2 transcription factor
<b>Synonyms</b>	0

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The OCT1 transcription factor was among the first identified members of the POU transcription factor family (summarized by Sturm et al., 1993 [PubMed 8314572]). Members of this family contain the POU domain, a 160-amino acid region necessary for DNA binding to the octameric sequence ATGCAAAT.[supplied by OMIM, Jul 2010],

### Recommended Dilution

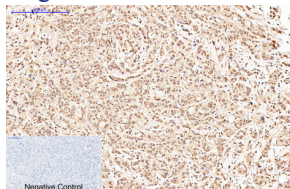
IF: 1:200

IHC: 1:50-300

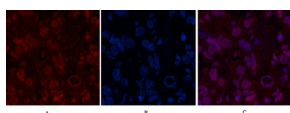
WB: 1:500-2000

Not yet tested in other applications.

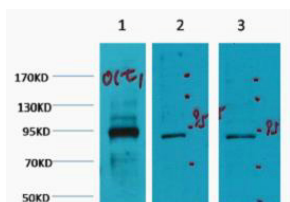
### Images



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

## Storage

-20°C for one year

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