

Recombinant

DGRmAb®

Oct-4 (DGR11674) Rabbit mAb

db15932

Package : 10µL 20µL 50µL 100µL

Product Name : Oct-4 (DGR11674) Rabbit mAb**Cat.No.:** db15932**Synonyms** : OCT3; OCT4; OTF3; OTF4; OTF-3; Oct-3; Oct-4**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a transcription factor containing a POU homeodomain that plays a key role in embryonic development and stem cell pluripotency. Aberrant expression of this gene in adult tissues is associated with tumorigenesis. This gene can participate in a translocation with the Ewing's sarcoma gene on chromosome 21, which also leads to tumor formation. Alternative splicing, as well as usage of alternative AUG and non-AUG translation initiation codons, results in multiple isoforms. One of the AUG start codons is polymorphic in human populations. Related pseudogenes have been identified on chromosomes 1, 3, 8, 10, and 12. [provided by RefSeq, Oct 2013]

Immunogen

A synthetic peptide of human Oct4

Gene ID

5460

Swiss Prot

Q01860

Synonyms

OCT3; OCT4; OTF3; OTF4; OTF-3; Oct-3; Oct-4

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000

IHC-P: 1:200-1:1000

ICC/IF: 1:100-1:200

FC: 1:50-1:100

IP: 1:50

Calculated MW

39 kDa

Observed MW

45 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR11674
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.