

Recombinant

DGRmAb®

Oct-4 (DGR11674) Rabbit mAb (PBS Only)

db15932-PBS

Package : 100µg

Product Name : Oct-4 (DGR11674) Rabbit mAb (PBS Only)**Cat.No.:** db15932-PBS**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 dilutionWB: 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
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.