

Recombinant

DGRmAb®

Oct-4 (DGR31462) Rabbit mAb

db13768

Package : 10μL 20μL 50μL 100μL

Product Name : Oct-4 (DGR31462) Rabbit mAb**Cat.No.:** db13768**Synonyms :** OCT3; OCT4; OTF3; OTF4; OTF-3; Oct-3; Oct-4**Application :** WB, IHC, ICC/IF, FC, IP**Reactivity :** Human, Mouse**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

Recombinant protein of human Oct4

Gene ID

5460

Swiss Prot

Q01860

Synonyms

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

Reactivity

Human, Mouse

Application

WB, IHC, ICC/IF, FC, IP

Recommended dilutionWB: 1:2000
IHC: 1:100
ICC/IF: 1:100
FC: 1:20
IP: 1:20**Calculated MW**

39 kDa

Observed MW

45 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR31462
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.