Recombinant DGRmAb®

Oct-4 (DGR31462) Rabbit mAb (PBS Only)

db13768-PBS **Package : 10μg 100μg**

Product Name : Oct-4 (DGR31462) Rabbit mAb (PBS Only)
Cat.No.: db13768-PBS
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
Calculated MW	39 kDa
Observed MW	45 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR31462
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.