

# Product Datasheet

## OCT4 Antibody (OCT4/6875R) [Janelia Fluor® 549] NBP3-14148JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-14148JF549**

OCT4 Antibody (OCT4/6875R) [Janelia Fluor® 549]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	OCT4/6875R
Preservative	0.05% Sodium Azide
Isotype	IgG Kappa
Conjugate	Janelia Fluor 549
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	5460
Gene Symbol	POU5F1
Species	Human
Reactivity Notes	0
Marker	Germ Cell Tumor Marker
Specificity/Sensitivity	OCT4 is a member of the POU family of transcription factors, involved in the regulation of pluripotency during normal development and is detectable in embryonic stem and germ cells. OCT4 is a key regulator of self-renewal in embryonic stem cells; its expression is potentially correlated with tumorigenesis and can affect tumor recurrence or resistance to therapies. OCT4 is expressed in undifferentiated pluripotent cells, germ cells in ovary and testes. OCT4 Ab is useful in the identification of primary as well as metastatic germ cell tumors.
Immunogen	Recombinant fragment of human OCT4 protein (around aa 1-134) (exact sequence is proprietary) (Uniprot: Q01860)
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-14148JF549**

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NB100-2379PEP	OCT4 Antibody Blocking Peptide
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]
H00005460-P01-10ug	Recombinant Human OCT4 GST (N-Term) Protein
AF1997	Nanog Antibody [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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