

# Product Datasheet

## OCT4 Antibody [FITC] NB100-2379F

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-2379F**

OCT4 Antibody [FITC]

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	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	FITC
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	5460
Gene Symbol	POU5F1
Species	Human, Mouse, Rat, Bovine, Primate
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Feline (93%), Porcine (93%). Customer feedback suggests that this antibody does not give good results in IHC-P on feline tissues. Bovine reactivity reported in scientific literature (PMID: 23054358).
Marker	Embryonic Stem Cell Marker
Immunogen	A synthetic peptide made to an internal portion of the human OCT4 protein (between residues 100-200) [UniProt# Q01860]

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.

**Publications**

Yang T, Qin J, Zhang Q et Al. Generation of induced pluripotent stem cell line (ZZUi0018-A ) from a patient with spinocerebellar ataxia type 6 Stem Cell Res. [PMID: 32229428] (FLOW, ICC/IF, Human)

Gao Y, Wang Y, Wang Z et al. Generation of induced pluripotent stem cell line (ZZUi0016-A) from dermal fibroblasts of a normal human Stem Cell Res. [PMID: 32007761] (ICC/IF, FLOW, Human)





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### **Products Related to NB100-2379F**

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NBP2-24892	Rabbit IgG Isotype Control [FITC]
NB100-2379PEP	OCT4 Antibody Blocking Peptide
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]
H00005460-P01-10ug	Recombinant Human OCT4 GST (N-Term) Protein

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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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