

Oct-4B(OCT4B-190)Polyclonal Antibody FITC Conjugated

Catalog No: #C04949F

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Description

Product Name	Oct-4B(OCT4B-190)Polyclonal Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF(IHC-P) IF(ICC)
Species Reactivity	Hu Ms Rt D
Immunogen Description	KLH conjugated synthetic peptide aa 200-250 360 derived from human OCT4B-190
Conjugates	FITC
Target Name	Oct-4BOCT4B-190NT
Other Names	OCT3; OCT4; OTF3; OTF4; OTF-3; Oct-3; Oct-4; POU domain, class 5, transcription factor 1; Octamer-binding protein 3; Octamer-binding protein 4; Octamer-binding transcription factor 3; POU5F1
Accession No.	Swiss-Prot#Q01860NCBI Gene ID5460
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

Immunofluorescence: 1:50-200

Background

Transcription factor that binds to the octamer motif (5'-ATTGTCAT-3'). Forms a trimeric complex with SOX2 on DNA and controls the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP26. Critical for early embryogenesis and for embryonic stem cell pluripotency.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.