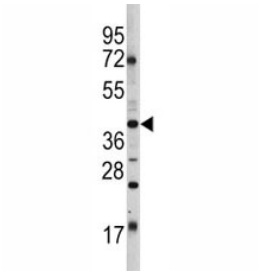
Oct-4 Antibody / POU5F1 (F47906)

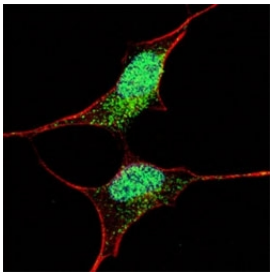
Catalog No.	Formulation	Size
F47906-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47906-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q01860
Applications	Western blot: 1:1000 Immunofluorescence: 1:10-1:50
Limitations	This Oct-4 antibody is available for research use only.



Western blot analysis of Oct-4 antibody and HL-60 lysate. Predicted molecular weight ~38/30kDa (isoform A/B), commonly observed at 38-45 kDa.



Fluorescent confocal image of SY5Y cells stained with Oct-4 antibody (green, 1:500). Staining is strong in the nuclei and weak in the cytoplasm.

Description

Transcription factors containing the POU homeodomain have been shown to be important regulators of tissue-specific gene expression in lymphoid and pituitary differentiation and in early mammalian development.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Oct-4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 110-141 from the human protein was used as the immunogen for this Oct-4 antibody.

Storage

Store at 4oC for up to one month. For long term, aliquot the Oct-4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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