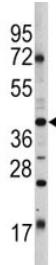


Oct-4 Antibody / POU5F1 (F47906)

| 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 |

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| | |
|--------------------|---|
| 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.