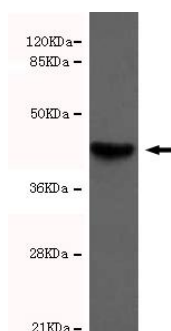




POU5F1 (Oct-4) Antibody

E220042

Catalog Number	E220042-1, E220042-2
Amount	50µg/50µl, 100µg/100µl
Description	Mouse monoclonal IgG to POU5F1
GeneBank ID	NM_013633
Immunogen	Recombinant full length of Mouse POU5F1.
Reacts with	Ms
Tested applications	Recommended dilutions. ELISA: 1/5000 - 1/20000. WB: 1/100-1/2000.
Cellular localization	Nucleus
Relevance	POU5F1(Oct-4) is a transcription factor highly expressed in undifferentiated embryonic stem cells and embryonic germ cells. A network of key factors that includes Oct-4, Nanog, and Sox2 is necessary for the maintenance of pluripotent potential, and downregulation of Oct-4 has been shown to trigger cell differentiation. Oct-4 is a useful germ cell tumor marker. Oct-4 exists as two splice variants, Oct-4A and Oct-4B.
Purity	Protein G-Sepharose affinity purified
Storage buffer	Preservative: 0.02% Sodium Azide, 50% glycerol, 1% BSA, PBS, pH7.4.
Form	Liquid
Storage instructions	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.



POU5F1 antibody (E220042) at 1/2000 dilution interacts with recombinant POU5F1 protein with a His tag. Predicted band size: 45Kda. Observed band size: 45Kda.

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