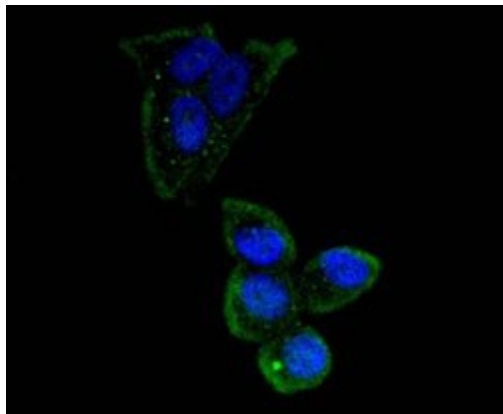


OCT4 Recombinant Rabbit Monoclonal Antibody (SD0750)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Recombinant Monoclonal
Type	Antibody
Clone	SD0750
Conjugate	Unconjugated
Immunogen	Synthetic peptide within human Oct4 aa 20-60
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% glycerol, 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

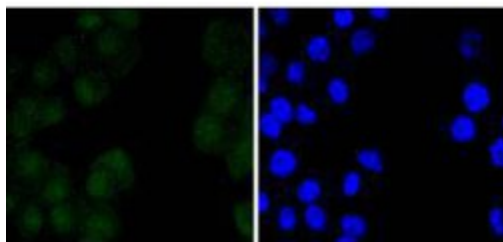
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:5,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:50-1:200	-

Product Images For OCT4 Recombinant Rabbit Monoclonal Antibody (SD0750)



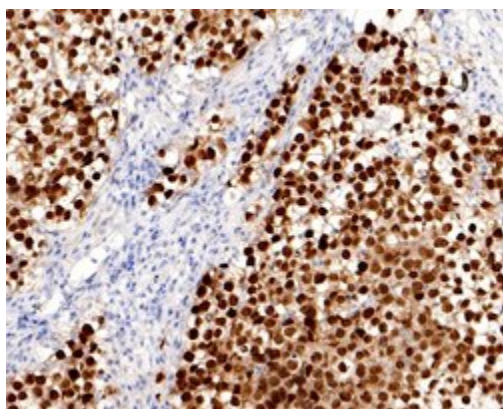
OCT4 Antibody (MA5-41181) in ICC/IF

Immunocytochemistry/Immunofluorescence analysis of OCT4 in MCF-7 cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with OCT4 Recombinant Monoclonal Antibody (Product # MA5-41181) at a dilution of 1:50 for 1 hour at room temperature, washed with PBS. Alexa Fluor®488 Goat anti-Rabbit IgG was used as the secondary antibody at 1:1,000 dilution. The nuclear counter stain is DAPI (blue).



OCT4 Antibody (MA5-41181) in ICC/IF

Immunocytochemistry/Immunofluorescence analysis of OCT4 in N2A cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with OCT4 Recombinant Monoclonal Antibody (Product # MA5-41181) at a dilution of 1:50 for 1 hour at room temperature, washed with PBS. Alexa Fluor®488 Goat anti-Rabbit IgG was used as the secondary antibody at 1:1,000 dilution. The nuclear counter stain is DAPI (blue).



OCT4 Antibody (MA5-41181) in IHC (P)

Immunohistochemistry (Paraffin) analysis of OCT4 in paraffin-embedded human seminoma tissue. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with OCT4 Recombinant Monoclonal Antibody (Product # MA5-41181) at a dilution of 1:200 for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

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