

Mouse OCT4 Monoclonal Antibody | anti-OCT4 antibody

OCT4 antibody

CATALOG # AAA106846	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

OCT4; Monoclonal Antibody; OCT4 antibody; Monoclonal OCT4 antibody; Anti-OCT4 antibody; Oct-4 antibody; Oct 4 antibody; Octamer binding transcription factor 4 antibody; anti-OCT4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7E7
Form/Format	Ascitic fluid with 0.03% NaN ₃
Applicable Applications for anti-OCT4 antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	Synthesized peptide derived from internal of human OCT4
Biological Significance	OCT4 modulates embryonic stem (ES) cell populations by influencing lineage commitment. Oct-3/4 pseudogenes localizing to human chromosomes 10 and 8 are reported to be transcribed in certain cancer cell lines and tissues.
Cross-Reactivity	Human
Preparation and Storage	Store at 4°C short term, -20°C long term

IMAGES



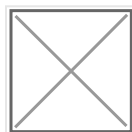
IF (Immunofluorescence)

FC analysis of Jurkat cells using Oct4 antibody (green) and negative control (purple).



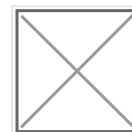
IF (Immunofluorescence)

Immunofluorescence analysis of human iPS cells using Oct4 antibody (green).



IF (Immunofluorescence)

Immunofluorescence analysis of NTERA-2 cells using Oct4 antibody (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



WB (Western Blot)

Western Blot showing Oct4 antibody used against NTERA-2 (1) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-OCT4 antibody	Mouse monoclonal OCT4 antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	550821858
NCBI GeneID	100860952
NCBI Accession #	NP_001272498.1
NCBI GenBank Nucleotide #	NM_001285569.1
NCBI Official Full Name	OCT4 protein
NCBI Official Symbol	OCT4
NCBI Protein Information	OCT4 protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/oct4-antibody-clone-7e7-flow-cytometry-immunocytochemistry-western-blot-elisa/106846>