

Rabbit anti-Human OCT-4(POU5F1) Monoclonal Antibody | anti-POU5F1 antibody

OCT-4(POU5F1) (Germ CellTumor Marker) Recombinant Rabbit Monoclonal Antibody [Clone OCT4/6875R]

CATALOG # AAA215845	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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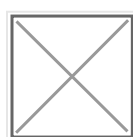
PRODUCT SYNONYMS

OCT-4(POU5F1); Monoclonal Antibody; OCT-4(POU5F1) (Germ CellTumor Marker) Recombinant Rabbit Monoclonal Antibody [Clone OCT4/6875R]; OCT-4(POU5F1) (Germ CellTumor Marker); OCT3; OCT3A; OCT4; OCT4A; OCT-3/4; Octamer-binding protein 3; Octamer-binding protein 4; Octamer-binding transcription factor 3; octamer-binding transcription factor-3; OTF-3; OTF3; OTF4; PO5F1; POU class 5 homeobox 1; POU domain; class 5; transcription factor 1; POU-type homeodomain-containing DNA-binding protein; POU5F1; anti-POU5F1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit/IgG, kappa
Clone Number	OCT4/6875R
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-POU5F1 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant fragment of human OCT-4/POU5F1 protein (around aa1-134) (exact sequence is proprietary)
Cellular Localization	Nucleus
Positive Control	Raji or U-937cells. Human seminoma or testicular carcinoma
Hu-chromosome Location	6p21.33
Unigene	249184
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human seminoma stained with OCT4Recombinant Rabbit Monoclonal Antibody (OCT4/6875R).

ADDITIONAL INFORMATION

Related Product Information for anti-POU5F1 antibody	OCT4 is a member of the POU family of transcription factors, involved in the regulation of pluripotency during normal development and is detectable in embryonic stem and germ cells. OCT4 is a key regulator of self-renewal in embryonic stem cells; its expression is potentially correlated with tumorigenesis and can affect tumor recurrence or resistance to therapies. OCT4 is expressed in undifferentiated pluripotent cells, germ cells in ovary and testes. OCT4 Ab is useful in the identification of primary as well as metastatic germ cell tumors.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42560248
NCBI GeneID	5460
NCBI Accession #	NP_002692.2
NCBI GenBank Nucleotide #	NM_002701.4
UniProt Accession #	Q01860; P31359; Q15167; Q15168; Q16422; Q5STF3; Q5STF4; A6NCS1; A6NLL8; D2IYK4
Molecular Weight	38,571 Da
NCBI Official Full Name	POU domain, class 5, transcription factor 1 isoform 1
NCBI Official Synonym Full Names	POU class 5 homeobox 1
NCBI Official Symbol	POU5F1
NCBI Official Synonym Symbols	OCT3; OCT4; OTF3; OTF4; OTF-3; Oct-3; Oct-4
NCBI Protein Information	POU domain, class 5, transcription factor 1; octamer-binding protein 3; octamer-binding protein 4; POU domain transcription factor OCT4; octamer-binding transcription factor 3; octamer-binding transcription factor-3; POU-type homeodomain-containing DNA-bi
UniProt Protein Name	POU domain, class 5, transcription factor 1
UniProt Gene Name	POU5F1
UniProt Synonym Gene Names	OCT3; OCT4; OTF3; Oct-3; Oct-4; OTF-3
UniProt Entry Name	PO5F1_HUMAN

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/oct-4pou5f1-antibody-clone-oct4-6875r-immunohistochemistry-elisa/215845>