

Immunotag™ OCT3 Antibody

Antibody Specification	
Catalog No.	ITA1530
Product Description	Immunotag™ OCT3 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	OCT3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000,IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human 41915
Specificity	OCT3 Antibody detects endogenous levels of total 41915
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	POU5F1
Accession No.	Q01860
Alternate Names	Octamer binding transcription factor 4; MGC22487; Oct 3; Oct 4; Oct-3; Oct-4; OCT3; Oct4; Octamer binding protein 3; Octamer binding protein 4; Octamer binding transcription factor 3; Octamer-binding protein 3; Octamer-binding protein 4; Octamer-binding transcription factor 3; OTF 3; OTF 4; OTF-3; OTF3; OTF4; PO5F1_HUMAN; POU class 5 homeobox 1; POU domain class 5 transcription factor 1; POU domain transcription factor OCT4; POU domain, class 5, transcription factor 1; POU-type homeodomain-containing DNA-binding protein; POU5F1;

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Description	Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3'). Forms a trimeric complex with SOX2 on DNA and controls the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP206. Critical for early embryogenesis and for embryonic stem cell pluripotency.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	36 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.