

# Oct-2 Rabbit mAb

Catalog # AP76632

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P09086</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	51209

## Additional Information

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<b>Gene ID</b>	5452
<b>Other Names</b>	POU2F2
<b>Dilution</b>	WB~~1:1000
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	POU2F2 ( <a href="#">HGNC:9213</a> )
<b>Synonyms</b>	OCT2, OTF2
<b>Function</b>	Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3') (PubMed: <a href="#">2904654</a> , PubMed: <a href="#">7859290</a> ). Regulates IL6 expression in B cells with POU2AF1 (By similarity). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression (PubMed: <a href="#">2901913</a> , PubMed: <a href="#">2904654</a> ). Modulates transcription transactivation by NR3C1, AR and PGR (PubMed: <a href="#">10480874</a> ).
<b>Cellular Location</b>	Cytoplasm. Nucleus.
<b>Tissue Location</b>	Isoform 3 is B-cell specific. Isoform 5 is expressed in B-cells and the immunoglobulin-expressing T-cell line MOLT-4, but not in the T-cell line BW5147.

## Background

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Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3'). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.