

# Oct2

Mouse Monoclonal antibody(Mab)

Catalog # AD80267

## Product Information

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Application	IHC-P
Primary Accession	<a href="#">P09086</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	656H3E2
Calculated MW	51209

## Additional Information

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Gene ID	5452
Gene Name	POU2F2
Other Names	POU domain, class 2, transcription factor 2, Lymphoid-restricted immunoglobulin octamer-binding protein NF-A2, Octamer-binding protein 2, Oct-2, Octamer-binding transcription factor 2, OTF-2, POU2F2 ( <a href="#">HGNC:9213</a> ), OCT2, OTF2
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	Oct2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

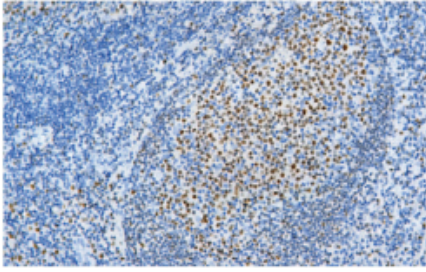
## Protein Information

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Name	POU2F2 ( <a href="#">HGNC:9213</a> )
Synonyms	OCT2, OTF2
Function	Transcription factor that specifically binds to the octamer motif (5'-ATTGTCAT-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> ).
Cellular Location	Cytoplasm. Nucleus.
Tissue Location	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.

## Images

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