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Oct2

Mouse Monoclonal antibody(Mab)
Catalog # AD80267

Product Information

Application	IHC-P
Primary Accession	P09086
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	656H3E2
Calculated MW	51209

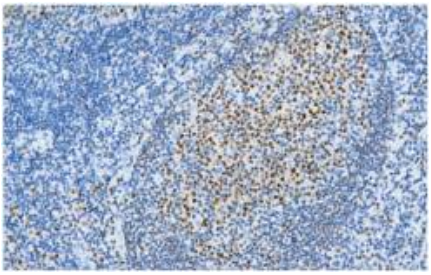
Additional Information

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 (HGNC:9213), 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

Name	POU2F2 (HGNC:9213)
Synonyms	OCT2, OTF2
Function	Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3') (PubMed:2904654, PubMed:7859290). 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:2901913, PubMed:2904654). Modulates transcription transactivation by NR3C1, AR and PGR (PubMed:10480874).
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



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human tonsil tissue was performed with Oct2 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

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