

Anti-Oct-2 Monoclonal Antibody
Catalog # ABO14614**Specification**

Anti-Oct-2 Monoclonal Antibody - Product Information

Application	WB, IF, ICC, IP, FC
Primary Accession	P09086
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-Oct-2 Monoclonal Antibody . Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Anti-Oct-2 Monoclonal Antibody - Additional Information

Gene ID 5452

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 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=9213 target="_blank">HGNC:9213), OCT2, OTF2

Application Details

WB 1:500-1:2000
ICC/IF 1:50-1:200
IP 1:50
FC 1:100

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Oct-2 Transcription factor that specifically binds to the octamer motif (5'-ATTGTCAT-3'). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression.

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Oct-2 Monoclonal Antibody - Protein Information

Name POU2F2 ([HGNC:9213](#))

Synonyms OCT2, OTF2

Function

Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3') (PubMed:[2904654](http://www.uniprot.org/citations/2904654), PubMed:[7859290](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/2901913), PubMed:[2904654](http://www.uniprot.org/citations/2904654)). Modulates transcription transactivation by NR3C1, AR and PGR (PubMed:[10480874](http://www.uniprot.org/citations/10480874)).

Cellular Location

Cytoplasm. Nucleus.

Tissue Location

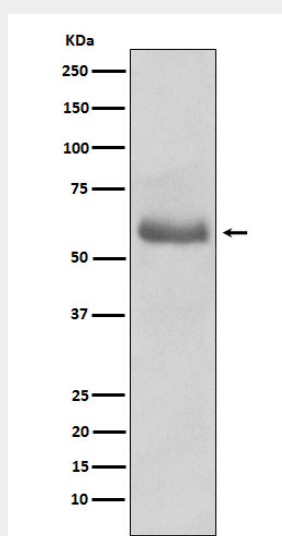
Isoform 3 is B-cell specific. Isoform 5 is expressed in B-cells and the immunoglobulin-expressing T-cell line MOLT-4, but not in the T-cell line BW5147.

Anti-Oct-2 Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Oct-2 Monoclonal Antibody - Images



Western blot analysis of Oct-2 expression in Ramos cell lysate.