10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Oct-2 Antibody
Rabbit mAb
Catalog # AP92208

Specification

Oct-2 Antibody - Product Information

Application	**WB, IHC, FC, ICC**
Primary Accession	P09086
Clonality	**Monoclonal**

Other Names
Oct 2; Octamer binding transcription factor 2; OTF2; POU domain; POU2F2;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**51209 Da**

Oct-2 Antibody - Additional Information

Dilution	**WB~~1:1000** **IHC~~1:100~500** **FC~~1:10~50** **ICC~~N/A**
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human Oct-2**
Description	**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. Modulates transcription transactivation by NR3C1, AR and PGR.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

Oct-2 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, 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.

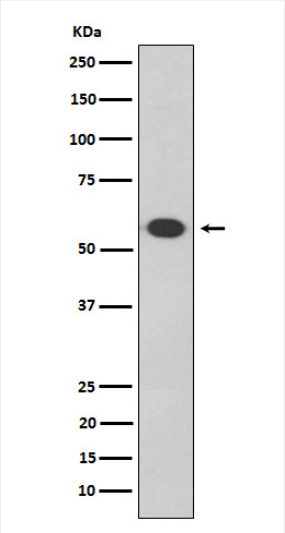
Tissue Location
Isoform 3 is B-cell specific. Isoform 5 is expressed in B-cells and the immunoglobulin-expressing T-cell line MOLT-4, but not in the T-cell line BW5147.

Oct-2 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 Cytomety
- Cell Culture

Oct-2 Antibody - Images



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