

# Oct-2 Antibody

Rabbit mAb Catalog # AP91655

#### **Product Information**

**Application** WB, IF, FC, ICC, IP

Primary Accession P09086

**Reactivity** Rat, Human, Mouse

**Clonality** Monoclonal

Other Names NF A2; Oct 2; Oct-2; OTF-2; OTF2; POU2F2;

IsotypeRabbit IgGHostRabbitCalculated MW51209

## **Additional Information**

**Dilution** WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50 FC 1:100

**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.

**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.

### **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).

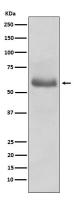
**Cellular Location** Cytoplasm. Nucleus.

**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**



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

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