

Rev01  
Update: May,14,2025

**DATASHEET**

# Oct 2 Antibody, mAb, Rabbit

Cat. No.: A04032

## Overview

<b>Specificity</b>	This product is specific to Oct 2
<b>Host Species</b>	Rabbit
<b>Immunogen</b>	A synthesized peptide derived from human Oct 2
<b>Species Reactivity</b>	Human; Mouse; Rat
<b>Conjugate</b>	Unconjugated

## Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

<b>Application</b>	<b>Recommended Usage</b>
Western Blot	1:1000-1:2000
Immunocytochemistry/Immunofluorescence (ICC/IF)	1:50-1:200
Immunoprecipitation (IP)	1:20-1:50
Flow Cytometry	1:20-1:100

## Properties

<b>Form</b>	Liquid
<b>Storage Buffer</b>	Supplied in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage Instructions</b>	Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed.
<b>Purification</b>	Affinity-chromatography

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<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal

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## Background

**Target Background :** Transcription factor that specifically binds to the octamer motif (5'-ATTGCAT-3'). Regulates IL6 expression in B cells with POU2AF1. Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression. Modulates transcription transactivation by NR3C1, AR and PGR.

**Synonyms :** NF A2; Oct 2; Oct-2; OTF-2; OTF2; POU2F2;

**For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.**

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