

Product datasheet

Anti-Oct-2 antibody [EP543Y] ab33919

RabMAb

2 References 1 Image

Overview

<b>Product name</b>	Anti-Oct-2 antibody [EP543Y]
<b>Description</b>	Rabbit monoclonal [EP543Y] to Oct-2
<b>Host species</b>	Rabbit
<b>Specificity</b>	This antibody may detect the isoform 2.
<b>Tested applications</b>	<b>Suitable for:</b> ChIP, WB, IP <b>Unsuitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human Oct-2 aa 400-500. The exact sequence is proprietary. Database link: <a href="#">P09086</a>
<b>Positive control</b>	Raji cell lysate
<b>General notes</b>	A trial size is available to purchase for this antibody.  Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.  Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMab<sup>®</sup> patents</a> .

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol, 0.05% BSA
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EP543Y
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab33919** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ChIP		Use at an assay dependent concentration. PubMed: 22843692
WB		1/20000 - 1/50000. Predicted molecular weight: 51 kDa.
IP		1/50.

**Application notes** Is unsuitable for Flow Cyt.

## Target

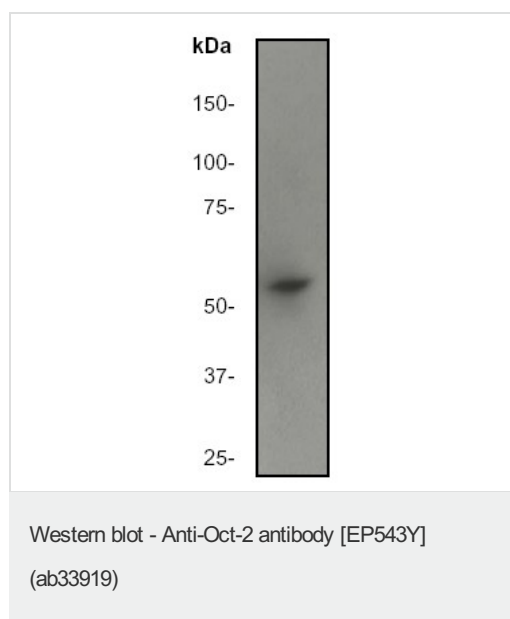
**Function** Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3'). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression. Modulates transcription transactivation by NR3C1, AR and PGR. Isoform 5 activates the U2 small nuclear RNA (snRNA) promoter.

**Tissue specificity** 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.

**Sequence similarities** Belongs to the POU transcription factor family. Class-2 subfamily. Contains 1 homeobox DNA-binding domain. Contains 1 POU-specific domain.

**Cellular localization** Cytoplasm. Nucleus.

## Images



Anti-Oct-2 antibody [EP543Y] (ab33919) at 1/50000 dilution + Raji cell lysate

**Predicted band size:** 51 kDa

**Observed band size:** 55 kDa

[why is the actual band size different from the predicted?](#)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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