


## Product datasheet

# HRP Anti-Oct-2 antibody [EPR12482] ab205793

Recombinant RabMAb

2 Images

### Overview

<b>Product name</b>	HRP Anti-Oct-2 antibody [EPR12482]
<b>Description</b>	HRP Rabbit monoclonal [EPR12482] to Oct-2
<b>Host species</b>	Rabbit
<b>Conjugation</b>	HRP
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Recombinant fragment within Human Oct-2. The exact sequence is proprietary. Database link: <a href="#">P09086</a>
<b>Positive control</b>	WB: Ramos, Raji, Daudi cell lysates.
<b>General notes</b>	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> For more information <a href="#">see here</a> . 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. Stable for 12 months at -20°C. Store In the Dark.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.1% Proclin 300 Solution Constituents: 1% BSA, 30% Glycerol (glycerin, glycerine), PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal

Clone number                   EPR12482  
Isotype                            IgG

## Applications

**The Abpromise guarantee**           Our **Abpromise guarantee** covers the use of ab205793 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
WB		1/1000. Detects a band of approximately 58 kDa (predicted molecular weight: 51 kDa).

## Target

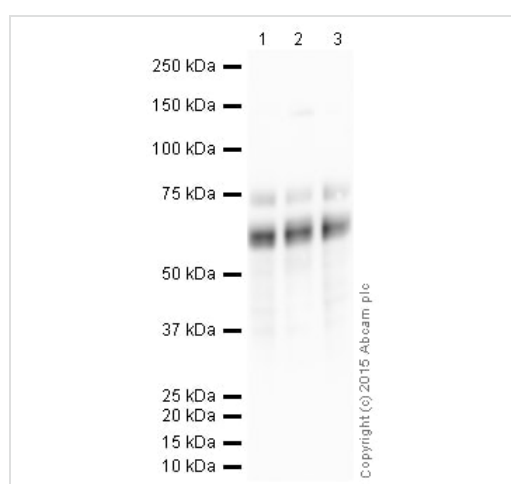
**Function**                                Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3'). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression. Modulates transcription transactivation by NR3C1, AR and PGR. Isoform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



Western blot - HRP Anti-Oct-2 antibody [EPR12482] (ab205793)

**All lanes** : HRP Anti-Oct-2 antibody [EPR12482] (ab205793) at 1/1000 dilution

**Lane 1** : Ramos (Human Burkitt's lymphoma cell line) Whole Cell Lysate

**Lane 2** : Raji (Human Burkitt's lymphoma cell line) Whole Cell Lysate

**Lane 3** : Daudi (Human Burkitt's lymphoma cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 51 kDa

**Observed band size:** 58 kDa

**Exposure time:** 8 minutes

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 3% milk before being incubated with ab205793 overnight at 4°C. Antibody binding was visualised using ECL development solution **ab133406**.

Why choose a recombinant antibody?

**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

HRP Anti-Oct-2 antibody [EPR12482] (ab205793)

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

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