


Product datasheet

Anti-Oct-2 antibody [EPR12482-106] ab178679

Recombinant RabMAb

★★★★★ [3 Abreviews](#) [2 References](#) [5 Images](#)

Overview

Product name	Anti-Oct-2 antibody [EPR12482-106]
Description	Rabbit monoclonal [EPR12482-106] to Oct-2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: Flow Cyt, ICC/IF or IP
Species reactivity	Reacts with: Human Predicted to work with: Rat 
Immunogen	Recombinant fragment within Human Oct-2. The exact sequence is proprietary. Database link: P09086
Positive control	Ramos, Raji, Daudi and Jurkat whole cell lysate (ab7899). Human colon, tonsil and DLBCL tissue.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture

	supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR12482-106
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab178679 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

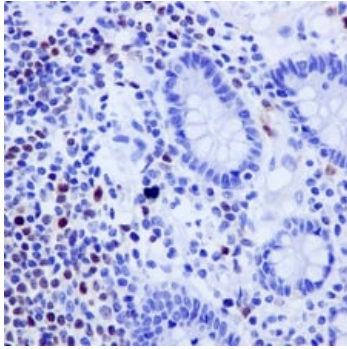
Application	Abreviews	Notes
WB		1/1000 - 1/5000. Detects a band of approximately 58 kDa (predicted molecular weight: 51 kDa).
IHC-P	★★★★★ (2)	1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application notes Is unsuitable for Flow Cyt, ICC/IF or IP.

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.

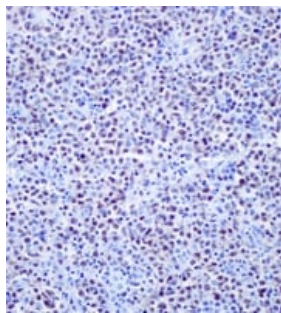
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Oct-2 antibody [EPR12482-106] (ab178679)

Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling Oct-2 with ab178679 at 1:100 dilution.

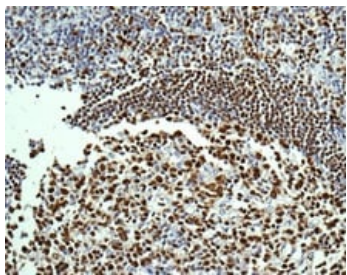
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Oct-2 antibody [EPR12482-106] (ab178679)

Immunohistochemical analysis of paraffin-embedded Human DLBCL tissue labeling Oct-2 with ab178679 at 1:100 dilution.

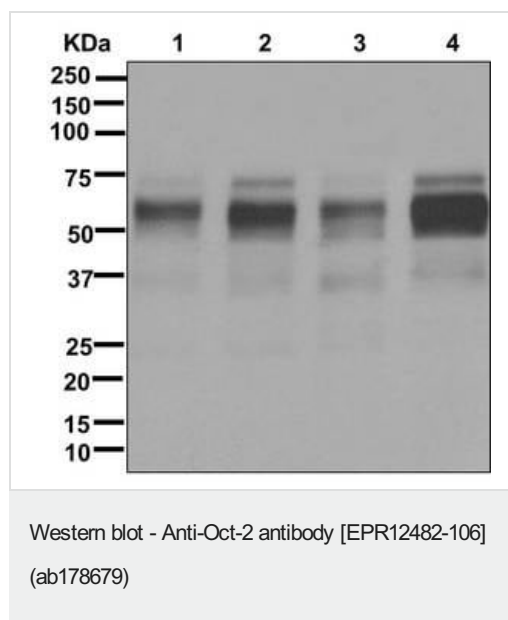
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Oct-2 antibody [EPR12482-106] (ab178679)

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labeling Oct-2 with ab178679 at 1:100 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



All lanes : Anti-Oct-2 antibody [EPR12482-106] (ab178679) at 1/1000 dilution

Lane 1 : Ramos cell lysate

Lane 2 : Raji cell lysate

Lane 3 : Daudi cell lysate

Lane 4 : Jurkat cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 51 kDa

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

Anti-Oct-2 antibody [EPR12482-106] (ab178679)

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