

Anti-Oct-2 antibody [EPR542] ab92458

重组 RabMAb

1 References 5 图像

概述	
产品名称	Anti-Oct-2抗体[EPR542]
描述	兔单克隆抗体[EPR542] to Oct-2
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IHC-P, ICC/IF 不适用于: IP
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human Oct-2 aa 150-250. The exact sequence is proprietary. Database link: <a href="#">P09086</a>
阳性对照	WB: Daudi cell lysate. IHC-P: Human tonsil tissue. Flow Cyt (intra): Raji cells. ICC/IF: Raji cells.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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> <p>For more information <a href="#">see here</a>.</p> <p>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>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified

克隆	单克隆
克隆编号	EPR542
同种型	IgG

## 应用

## The Abpromise guarantee Abpromise™承诺保证使用ab92458于以下的经测试应用

**“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。**

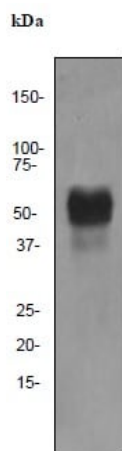
应用	Ab评论	说明
Flow Cyt (Intra)		1/50. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/5000. Detects a band of approximately 58 kDa (predicted molecular weight: 51 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF		1/250 - 1/500.

**应用说明** Is unsuitable for IP.

## 靶标

功能	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.
组织特异性	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.
序列相似性	Belongs to the POU transcription factor family. Class-2 subfamily. Contains 1 homeobox DNA-binding domain. Contains 1 POU-specific domain.
细胞定位	Cytoplasm. Nucleus.

图片



Western blot - Anti-Oct-2 antibody [EPR542]  
(ab92458)

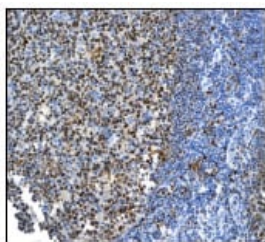
Anti-Oct-2 antibody [EPR542] (ab92458) at 1/1000 dilution + Daudi  
(Human Burkitt's lymphoma cell line) lysate at 10 µg

#### Secondary

HRP conjugated goat anti-rabbit antibody at 1/2000 dilution

**Predicted band size:** 51 kDa

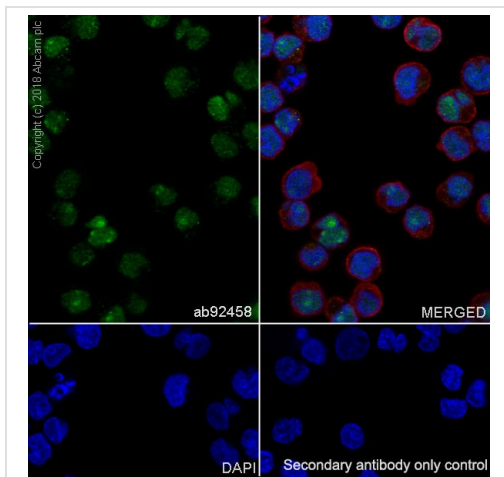
**Observed band size:** 58 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-  
embedded sections) - Anti-Oct-2 antibody [EPR542]  
(ab92458)

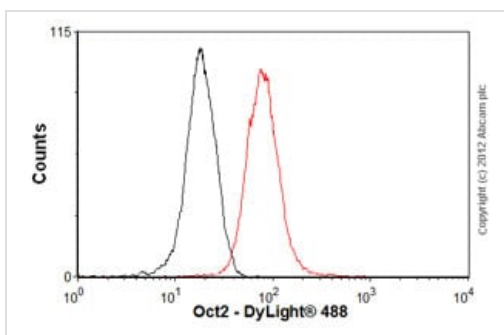
ab92458 at a 1:250 dilution staining Oct-2 in human tonsil (paraffin  
embedded section) by immunohistochemistry.

Perform heat mediated antigen retrieval with EDTA buffer pH 9  
before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-Oct-2 antibody [EPR542] (ab92458)

Immunocytochemistry analysis of Raji (human Burkitt's lymphoma B lymphocyte) labeling 37530 with purified ab92458 at 1/500 dilution. Cells were fixed with 4% Paraformaldehyde and permeabilised with 0.1% tritonX-100. Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/1000 (2 µg/ml) was used as the secondary antibody. **ab195889** Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1/200 (2.19 µg/ml) was used as counterstain. Nuclei were stained blue with DAPI. Negative control: PBS instead of the primary antibody.



Flow Cytometry (Intracellular) - Anti-Oct-2 antibody [EPR542] (ab92458)

Overlay histogram showing Raji (Human Burkitt's lymphoma cell line) cells stained with ab92458 (red line).

The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab92458, 1/50) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-rabbit IgG (H+L) (**ab96899**) at 1/500 dilution for 30 min at 22°C.

Isotype control antibody (black line) was rabbit IgG (monoclonal) (1µg/1x10<sup>6</sup> cells) used under the same conditions.

Acquisition of >5,000 events was performed.

### 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 [EPR542] (ab92458)

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

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