

Anti-IL-2 antibody [EPR2780] ab92381

重组 RabMAb

★★★★★ **2 Abreviews** **17 References** **4 图像**

概述

产品名称	Anti-IL-2抗体[EPR2780]
描述	兔单克隆抗体[EPR2780] to IL-2
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF 不适用于: Flow Cyt (Intra), IHC-P or IP
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human IL-2 aa 50-150. The exact sequence is proprietary.
阳性对照	WB: Recombinant human IL-2 full length protein and Jurkat (Human T cell leukemia cell line from peripheral blood) treated with 40nM Phorbol-12-myristate-13-acetate, 2 μ M A23187 and 300 ng/ml Brefeldin A (45 min delay) overnight whole cell lysate. ICC/IF: PBMC 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"> - 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, 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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
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	EPR2780
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab92381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。

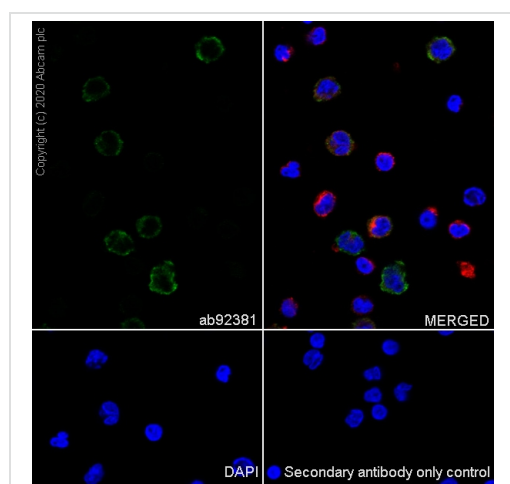
应用	Ab评论	说明
WB		1/1000 - 1/10000. Predicted molecular weight: 18 kDa.
ICC/IF		1/500 - 1/1000.

应用说明 Is unsuitable for Flow Cyt (Intra),IHC-P or IP.

靶标

功能	Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.
疾病相关	Note=A chromosomal aberration involving IL2 is found in a form of T-cell acute lymphoblastic leukemia (T-ALL). Translocation t(4;16)(q26;p13) with involves TNFRSF17.
序列相似性	Belongs to the IL-2 family.
细胞定位	Secreted.

图片



Immunocytochemistry/ Immunofluorescence analysis of PBMC (Human primary peripheral blood mononuclear cell) cells labeling IL-2 using ab92381. The cells were fixed with 4% paraformaldehyde then permeabilized with 0.1% Triton X-100. The cells were then incubated with ab92381 at 1:50 dilution followed by a further incubation with a Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 2 µg/ml (shown in green). Nuclear DNA was labelled in blue with DAPI. Cells were counterstained using **ab195889** Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) at 1:200 dilution (shown in red). Secondary antibody only control: PBS instead of the primary antibody.

Immunocytochemistry/ Immunofluorescence - Anti-IL-2 antibody [EPR2780] (ab92381)



Western blot - Anti-IL-2 antibody [EPR2780]
(ab92381)

Anti-IL-2 antibody [EPR2780] (ab92381) at 1/1000 dilution +
Recombinant human IL-2 full length protein, 10 ng

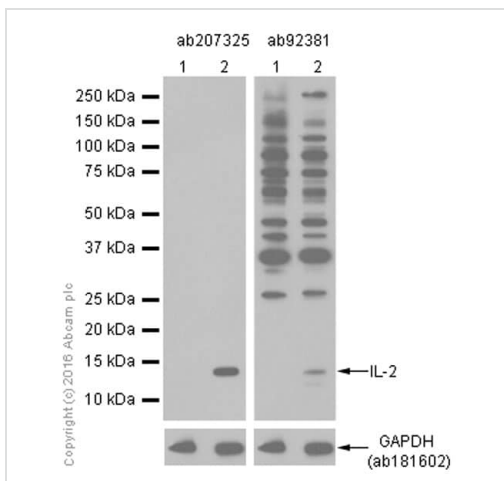
Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 18 kDa

Observed band size: 15 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST.



Western blot - Anti-IL-2 antibody [EPR2780]
(ab92381)

All lanes : Anti-IL-2 antibody [EPR2780] (ab92381) at 1/5000
dilution

Lane 1 : Untreated Jurkat (Human T cell leukemia cell line from
peripheral blood) whole cell lysate

Lane 2 : Jurkat (Human T cell leukemia cell line from peripheral
blood) treated with 40nM Phorbol-12-myristate-13-acetate, 2 μ M
A23187 and 300 ng/ml Brefeldin A (45 min delay) overnight whole
cell lysate

Lysates/proteins at 10 μ g per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at
1/100000 dilution

Predicted band size: 18 kDa

Observed band size: 14 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

[ab207325](#) is recommended to detect endogenous IL-2.

[ab181602](#) was used as GAPDH loading control.

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-IL-2 antibody [EPR2780] (ab92381)

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

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