

### Anti-IL-2 Receptor alpha antibody [EPR6452] ab128955

リコンビナント **RabMAb**

**15 References**    画像数 10

#### 製品の概要

製品名	Anti-IL-2 Receptor alpha antibody [EPR6452]
製品の詳細	Rabbit monoclonal [EPR6452] to IL-2 Receptor alpha
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, ICC/IF <b>適用なし:</b> IP
種交差性	<b>交差種:</b> Human
免疫原	Recombinant fragment corresponding to Human IL-2 Receptor alpha aa 1-250. Database link: <b>P01589</b>
ポジティブ・コントロール	IHC-P: Hodgkin's lymphoma, human tonsil, spleen, liver, and thymus tissues. ICC/IF: Jurkat cells.
特記事項	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 <b><a href="#">see here</a></b> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <b><a href="#">RabMAb<sup>®</sup> patents</a></b> . Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

#### 製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol, 0.05% BSA, 59% PBS
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EPR6452
アイソタイプ	IgG

## アプリケーション

**The Abpromise guarantee** **Abpromise保証は、**次のテスト済みアプリケーションにおけるab128955の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

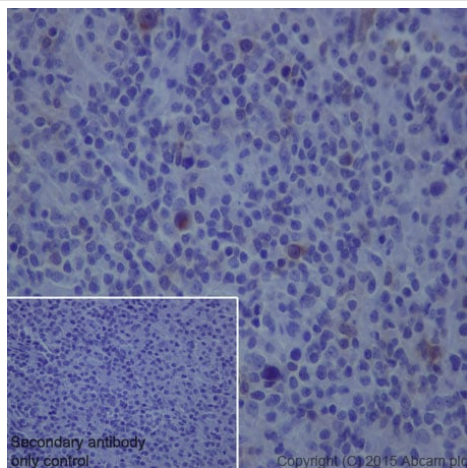
アプリケーション	Abreviews	特記事項
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. See <b><u>IHC antigen retrieval protocols</u></b> .
ICC/IF		1/100 - 1/250.

**追加情報** Is unsuitable for IP.

## ターゲット情報

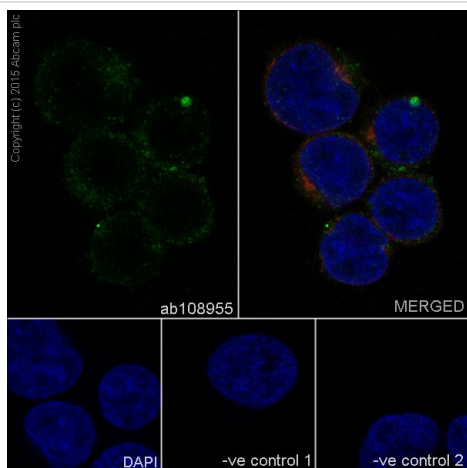
<b>機能</b>	Receptor for interleukin-2.
<b>関連疾患</b>	Genetic variations in IL2RA are associated with susceptibility to diabetes mellitus insulin-dependent type 10 (IDDM10) [MIM:601942]. A multifactorial disorder of glucose homeostasis that is characterized by susceptibility to ketoacidosis in the absence of insulin therapy. Clinical features are polydipsia, polyphagia and polyuria which result from hyperglycemia-induced osmotic diuresis and secondary thirst. These derangements result in long-term complications that affect the eyes, kidneys, nerves, and blood vessels.
<b>配列類似性</b>	Contains 2 Sushi (CCP/SCR) domains.
<b>細胞内局在</b>	Membrane.

## 画像



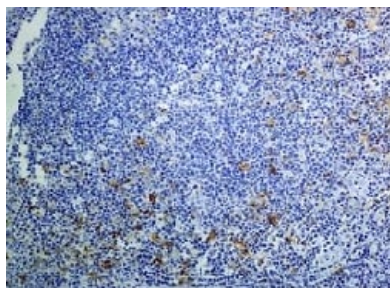
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-2 Receptor alpha antibody [EPR6452] (ab128955)

Immunohistochemical staining of paraffin embedded human Hodgkin lymphoma with purified ab128955 at a working dilution of 1/100. The secondary antibody used is HRP goat anti-rabbit IgG H&L ([ab97051](#)) at 1/500. The sample is counter-stained with hematoxylin. Antigen retrieval was performed using Tris-EDTA buffer, pH 9.0. PBS was used instead of the primary antibody as the negative control, and is shown in the inset.



Immunocytochemistry/ Immunofluorescence - Anti-IL-2 Receptor alpha antibody [EPR6452] (ab128955)

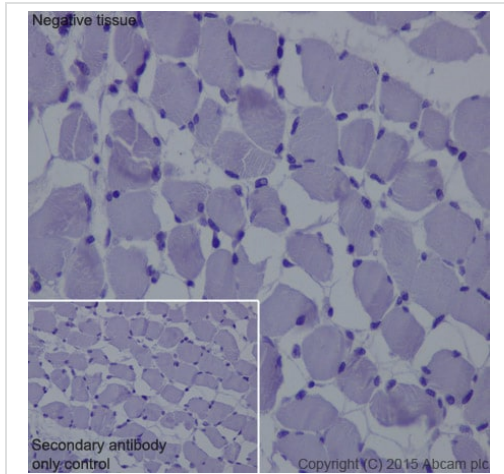
Immunofluorescence staining of Jurkat cells with purified ab128955 at a working dilution of 1/200, counter-stained with DAPI. The secondary antibody was Alexa Fluor<sup>®</sup> 488 goat anti-rabbit ([ab150077](#)), used at a dilution of 1/1000. [ab7291](#), a mouse anti-tubulin antibody (1/1000), was used to stain tubulin along with [ab150120](#) (Alexa Fluor<sup>®</sup> 594 goat anti-mouse, 1/1000), shown in the top right hand panel. The cells were fixed in 100% methanol and permeabilized using 0.1% Triton X 100. The negative controls are shown in bottom middle and right hand panels - for negative control 1, purified ab128955 was used at a dilution of 1/500 followed by an Alexa Fluor<sup>®</sup> 594 goat anti-mouse antibody ([ab150120](#)) at a dilution of 1/500. For negative control 2, [ab7291](#) (mouse anti-tubulin) was used at a dilution of 1/500 followed by an Alexa Fluor<sup>®</sup> 488 goat anti-rabbit antibody ([ab150077](#)) at a dilution of 1/400.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-2 Receptor alpha antibody [EPR6452] (ab128955)

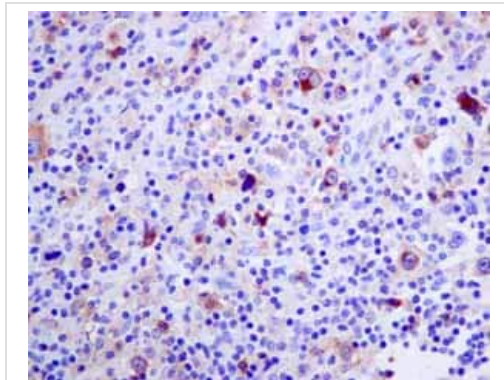
Unpurified ab128955, at 1/250 dilution, staining IL2 Receptor alpha in paraffin-embedded Human tonsil tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-2 Receptor alpha antibody [EPR6452] (ab128955)

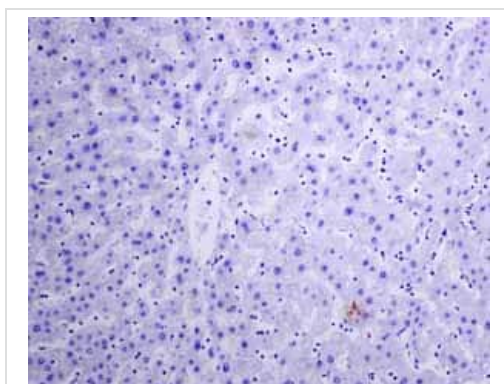
Immunohistochemical staining of paraffin embedded human skeletal muscle with purified ab128955 at a working dilution of 1/100. The secondary antibody used is HRP goat anti-rabbit IgG H&L (**ab97051**) at 1/500. The sample is counter-stained with hematoxylin. Antigen retrieval was performed using Tris-EDTA buffer, pH 9.0. PBS was used instead of the primary antibody as the negative control, and is shown in the inset.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-2 Receptor alpha antibody [EPR6452] (ab128955)

Unpurified ab128955 showing positive staining in Hodgkin's lymphoma tissue.

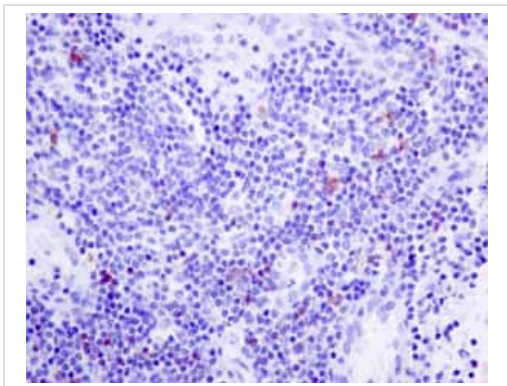
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-2 Receptor alpha antibody [EPR6452] (ab128955)

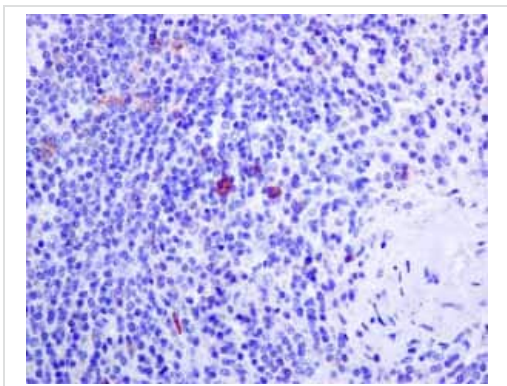
Unpurified ab128955 showing negative staining in Human liver tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Unpurified ab128955 showing positive staining in Human thymus tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Unpurified ab128955 showing positive staining in Human spleen tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Tissue Microarray (TMA) data for ab128955

Normal tissue samples				Malignant tissue samples			
Human cardiac muscle	x	Human placenta	x	Clear cell carcinoma of human kidney	x	Human hepatocellular carcinoma	x (immune cells ✓)
Human cerebrum	x	Human skeletal muscle	x	Human bladder cancer	x (immune cells ✓)	Human Hodgkin's lymphoma	✓
Human colon	x	Human skin	x	Human breast carcinoma	x (immune cells ✓)	Human lung carcinoma	x (immune cells ✓)
Human endometrium	x	Human spleen	✓	Human cervical carcinoma	x (immune cells ✓)	Human ovarian carcinoma	x
Human kidney	x	Human stomach	x	Human colon carcinoma	x (immune cells ✓)	Human pancreatic carcinoma	x
Human liver	x	Human testis	x	Human endometrial carcinoma	x	Human prostatic hyperplasia	x
Human mammary gland	x	Human thyroid	x	Human gastric adenocarcinoma	x (immune cells ✓)	Human thyroid carcinoma	x
Human pancreas	x	Human tonsil	✓	Human glioma	x		

Tissue Microarrays stained for "Anti-IL-2 Receptor alpha antibody [EPR6452]" using "ab128955" in immunohistochemical analysis. This table provides a detailed overview of positive (tick mark) and negative (cross mark) staining per sample type tested. The sections were pre-treated using Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 2 (pH 9.0) for 20 minutes. The sections were incubated with ab128955 for 30 mins at room temperature followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)). The immunostaining was performed on a Leica Biosystems BOND® RX instrument.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-2 Receptor alpha antibody [EPR6452] (ab128955)



### 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 Receptor alpha antibody [EPR6452]  
(ab128955)

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