

### Anti-IL-4 antibody ab9811

**16 References**   [画像数 1](#)

#### 製品の概要

製品名	Anti-IL-4 antibody
製品の詳細	Rabbit polyclonal to IL-4
由来種	Rabbit
アプリケーション	<b>適用あり:</b> Sandwich ELISA, WB, ELISA, IHC-P
種交差性	<b>交差種:</b> Rat
免疫原	Recombinant full length protein corresponding to Rat IL-4. Highly pure (>98%) recombinant rIL-4 (rat Interleukin-4) Database link: <b>P20096</b>
ポジティブ・コントロール	WB: Recombinant rat IL4 protein ( <b>ab9812</b> ).
特記事項	<p>Although some customers have been successful in IHC we no longer batch test in this application.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 製品の特性

製品の状態	Lyophilized:Reconstitute with 200µl of sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	No preservative, sterile filtered
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	unknown
軽鎖の種類	unknown

## 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ab9811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
Sandwich ELISA		Use a concentration of 0.5 - 2 µg/ml.
WB		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. PubMed: 22315633

## ターゲット情報

### 機能

Participates in at least several B-cell activation processes as well as of other cell types. It is a costimulator of DNA-synthesis. It induces the expression of class II MHC molecules on resting B-cells. It enhances both secretion and cell surface expression of IgE and IgG1. It also regulates the expression of the low affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes.

### 関連疾患

Genetic variations in IL4 may be a cause of susceptibility to ischemic stroke (ISCHSTR) [MIM:601367]; also known as cerebrovascular accident or cerebral infarction. A stroke is an acute neurologic event leading to death of neural tissue of the brain and resulting in loss of motor, sensory and/or cognitive function. Ischemic strokes, resulting from vascular occlusion, is considered to be a highly complex disease consisting of a group of heterogeneous disorders with multiple genetic and environmental risk factors.

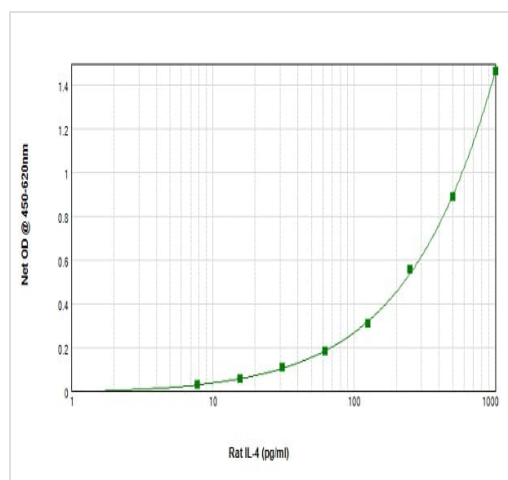
### 配列類似性

Belongs to the IL-4/IL-13 family.

### 細胞内局在

Secreted.

## 画像



Sandwich ELISA - Anti-IL-4 antibody (ab9811)

To detect rat IL-4 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25 – 1.0 µg/ml of **ab84278** is required. Using this antibody in conjunction with an anti-rat IL-4 (ab9811) as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant rat IL-4.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

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