

## Product datasheet

# Anti-IL4 antibody [4C4 AD2] ab25071

### 製品の概要

製品名	Anti-IL4 antibody [4C4 AD2]
製品の詳細	Mouse monoclonal [4C4 AD2] to IL4
特異性	This antibody recognizes natural and recombinant IL4.
アプリケーション	<b>適用あり:</b> ELISA
種交差性	<b>交差種:</b> Rat
免疫原	Recombinant full length IL4 protein (Rat).

### 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 or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.1% Sodium Azide. Constituents: PBS.
精製度	Protein A purified
特記事項 (精製)	This antibody was purified from ascites by affinity chromatography.
ポリ/モノ	モノクローナル
クローン名	4C4 AD2
ミエローマ	NS0
アイソタイプ	IgG

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab25071** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
----------	-----------	------

ELISA

### 追加情報

ELISA as a capture antibody: Use at a concentration of 1.25 µg/ml.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## ターゲット情報

---

<b>機能</b>	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.
<b>関連疾患</b>	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.
<b>配列類似性</b>	Belongs to the IL-4/IL-13 family.
<b>細胞内局在</b>	Secreted.

---

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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 <http://www.abcam.co.jp/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors