

### Anti-IRGM antibody ab93901

★★★★☆ [1 Abreviews](#) [2 References](#) [1 图像](#)

#### 概述

产品名称	Anti-IRGM抗体
描述	兔多克隆抗体to IRGM
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Chimpanzee, Gorilla, Orangutan 
免疫原	Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Human IRGM. 参阅 Abcam的专有抗源政策
阳性对照	This antibody gave a positive signal in the following human tissue lysates: Small Intestine; Colon.

#### 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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

#### 应用

**The Abpromise guarantee** [Abpromise™](#) 承诺保证使用ab93901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)	Use a concentration of 1 µg/ml. Detects a band of approximately 27 kDa (predicted molecular weight: 20 kDa).

## 靶标

### 功能

Putative GTPase which is required for clearance of acute protozoan and bacterial infections. Functions in innate immune response probably through regulation of autophagy. May regulate proinflammatory cytokine production and prevent endotoxemia upon infection. May also play a role in macrophages adhesion and motility.

### 组织特异性

Widely expressed (at protein level). Expressed in several tissues including colon, small bowel and peripheral blood leukocytes.

### 疾病相关

Defects in IRGM are the cause of susceptibility to inflammatory bowel disease type 19 (IBD19) [MIM:612278]. A chronic, relapsing inflammation of the gastrointestinal tract with a complex etiology. It is subdivided into Crohn disease and ulcerative colitis phenotypes. Crohn disease may affect any part of the gastrointestinal tract from the mouth to the anus, but most frequently it involves the terminal ileum and colon. Bowel inflammation is transmural and discontinuous; it may contain granulomas or be associated with intestinal or perianal fistulas. In contrast, in ulcerative colitis, the inflammation is continuous and limited to rectal and colonic mucosal layers; fistulas and granulomas are not observed. Both diseases include extraintestinal inflammation of the skin, eyes, or joints.

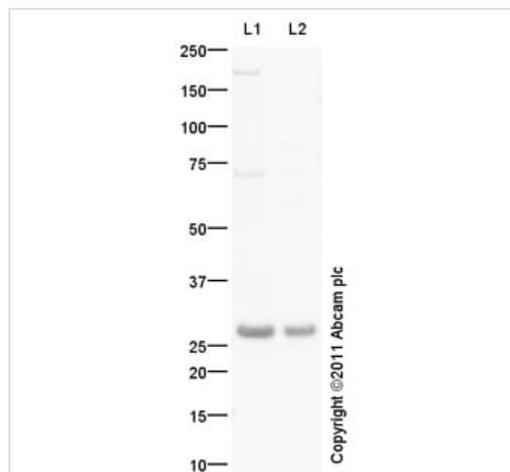
### 序列相似性

Belongs to the interferon-inducible GTPase family.

### 细胞定位

Golgi apparatus membrane. Cell membrane. Cytoplasmic vesicle > phagosome membrane. Cytoplasmic vesicle > autophagosome membrane. Cell projection > phagocytic cup. Behaves like an integral membrane protein (By similarity). Recruited to the plasma membrane around forming phagocytic cups, it remains associated with maturing autophagosomes (By similarity). Preferentially associated with cis- and medial-Golgi.

## 图片



Western blot - Anti-IRGM antibody (ab93901)

**All lanes** : Anti-IRGM antibody (ab93901) at 1 µg/ml

**Lane 1** : Human small intestine tissue lysate - total protein  
([ab29276](#))

**Lane 2** : Human colon tissue lysate - total protein ([ab30051](#))

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed  
([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 20 kDa

**Observed band size:** 27 kDa

**Additional bands at:** 200 kDa, 70 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 2 minutes

Abcam welcomes customer feedback and would appreciate any comments regarding this product and the data presented above.

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

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