

Anti-IRGM antibody ab69495

☆☆☆☆☆ [1 Abreviews](#) [3 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
免疫原	A 14 amino acid peptide near the center of human IRGM
常规说明	<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&As</p>
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. Avoid freeze / thaw cycle. Do Not Freeze.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Protein A purified
克隆	多克隆
同种型	IgG
应用	

The Abpromise guarantee [Abpromise™](#)承诺保证使用ab69495于以下的经测试应用

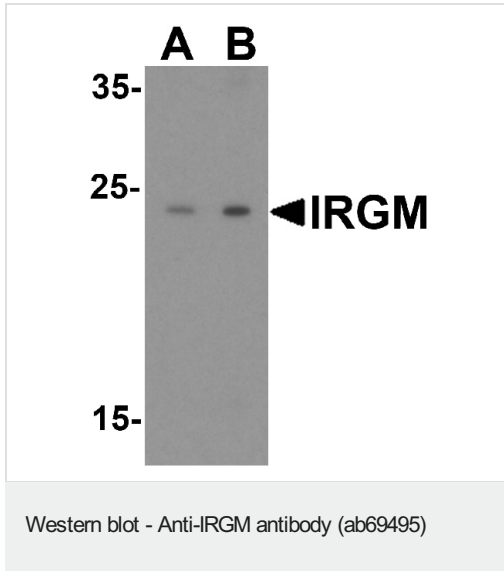
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★☆☆☆☆ (1)	Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 30 kDa (predicted molecular weight: 21-46 kDa). please refer to databases and the literature for the expected molecular weights of species orthologues.

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 analysis of IRGM in human brain lysate with ab69495 at (A) 1 and (B) 2 µg/mL.

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