# abcam

# Product datasheet

# Anti-IRR antibody [EP327Y] ab40782

重组 RabMAb

3 References 3 图像

#### 概述

产品名称 Anti-IRR抗体[EP327Y]

描述 兔单克隆抗体[EP327Y] to IRR

宿主 Rabbit

经测试应用 适用于: WB, IHC-P

不适用于: Flow Cyt or IP

种属反应性 与反应: Rat, Human

预测可用于: Mouse

免疫原 Synthetic peptide within Human IRR aa 1-100 (N terminal). The exact sequence is proprietary.

常规说明 This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility

- Improved sensitivity and specificity

- Long-term security of supply

- Animal-free production

For more information see here.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**® **patents**.

### 性能

形式 Liquid

存放说明 Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

存储溶液 pH: 7.20

Preservative: 0.01% Sodium azide

Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA

纯度 Protein A purified

克隆 单克隆 克隆编号 **EP327Y** 

同种型 lgG

### The Abpromise guarantee

### Abpromise™承诺保证使用ab40782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		1/1000 - 1/2000. Predicted molecular weight: 80, 144 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

应用说明 Is unsuitable for Flow Cyt or IP.

#### 靶标

功能 This receptor probably binds an insulin related protein and has a tyrosine-protein kinase activity. It

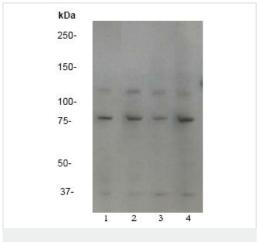
phosphorylates the insulin receptor substrates IRS-1 and IRS-2.

序列相似性 Belongs to the protein kinase superfamily. Tyr protein kinase family. Insulin receptor subfamily.

Contains 3 fibronectin type-III domains. Contains 1 protein kinase domain.

细胞定位 Membrane.

### 图片



Western blot - Anti-IRR antibody [EP327Y]

(ab40782)

All lanes: Anti-IRR antibody [EP327Y] (ab40782) at 1/2000

dilution

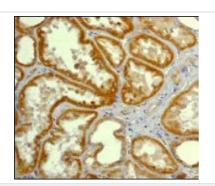
Lane 1 : PC12 cell lysate
Lane 2 : MCF7 cell lysate
Lane 3 : HeLa cell lysate
Lane 4 : SHSY5Y cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 80, 144 kDa **Observed band size:** 80 kDa

Additional bands at: 130 kDa, 37 kDa. We are unsure as to the

identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-IRR antibody [EP327Y] (ab40782)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using ab40782.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



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

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