

### Anti-IRS1 antibody [EP260Y] ab46800

**重组** RabMAb

**16 References** [2 图像](#)

#### 概述

产品名称	Anti-IRS1抗体[EP260Y]
描述	兔单克隆抗体[EP260Y] to IRS1
宿主	Rabbit
经测试应用	<b>适用于:</b> WB <b>不适用于:</b> Flow Cyt, ICC/IF, IHC-P or IP
种属反应性	<b>与反应:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: His-tagged human IRS1 recombinant protein (aa801-1020)
常规说明	<p>This antibody was re-validated and was confirmed to recognize total IRS1. The name was changed from Anti-IRS1 (phospho Y896) antibody [EP260Y] to Anti-IRS1 antibody [EP260Y] on May 1st, 2018.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
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 EP260Y

同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab46800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		1/10000. Predicted molecular weight: 27 kDa.

应用说明 Is unsuitable for Flow Cyt,ICC/IF,IHC-P or IP.

靶标

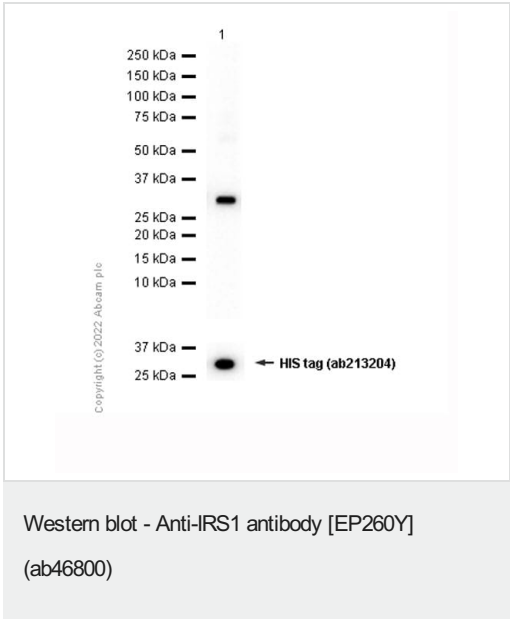
**功能** May mediate the control of various cellular processes by insulin. When phosphorylated by the insulin receptor binds specifically to various cellular proteins containing SH2 domains such as phosphatidylinositol 3-kinase p85 subunit or GRB2. Activates phosphatidylinositol 3-kinase when bound to the regulatory p85 subunit.

**疾病相关** Polymorphisms in IRS1 may be involved in the etiology of non-insulin-dependent diabetes mellitus (NIDDM) [MIM:125853].

**序列相似性** Contains 1 IRS-type PTB domain.  
Contains 1 PH domain.

**翻译后修饰** Serine phosphorylation of IRS1 is a mechanism for insulin resistance. Ser-312 phosphorylation inhibits insulin action through disruption of IRS1 interaction with the insulin receptor. Phosphorylation of Tyr-896 is required for GRB2-binding.

图片



Anti-IRS1 antibody [EP260Y] (ab46800) at 1/10000 dilution + His-tagged human IRS1 recombinant protein (aa801-1020), 10 ng

**Secondary**  
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution





**Predicted band size:** 27 kDa

**Exposure time:** 1 second

**Blocking and diluting buffer and concentration:** 5%  
NFDM/TBST.

Primary and secondary antibodies incubated for 1hr at room temperature.

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-IRS1 antibody [EP260Y] (ab46800)

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

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