abcam

Product datasheet

Anti-IRS1 antibody [EP260Y] ab46800

リコンビナント　RabMAb

7 References　　**画像数** 1

製品の概要

製品名	Anti-IRS1 antibody [EP260Y]
製品の詳細	Rabbit monoclonal [EP260Y] to IRS1
由来種	Rabbit
アプリケーション	**適用あり:** WB **適用なし:** Flow Cyt,ICC/IF,IHC-P or IP
種交差性	**交差種:** Human
免疫原	A synthetic peptide corresponding to residues near the C-terminus of human IRS1. Phosphorylated at tyrosine 896.
ポジティブ・コントロール	293 cell lysate.
特記事項	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.

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

We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team.

This product is a recombinant rabbit monoclonal antibody.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.5% BSA
精製度	Protein A purified
特記事項（精製）	This antibody is not purified: it is provided as cell supernatant and storage buffer.

ポリ/モノ	モノクローナル
クローン名	EP260Y
アイソタイプ	IgG

アプリケーション

Our Abpromise guarantee covers the use of **ab46800** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
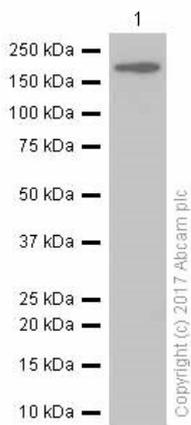
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/5000. Detects a band of approximately 170 kDa (predicted molecular weight: 132 kDa).
追加情報		Is unsuitable for Flow Cyt,ICC/IF,IHC-P or IP.

ターゲット情報

機能	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.
関連疾患	Polymorphisms in IRS1 may be involved in the etiology of non-insulin-dependent diabetes mellitus (NIDDM) [MIM:125853].
配列類似性	Contains 1 IRS-type PTB domain. Contains 1 PH domain.
翻訳後修飾	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.

画像

Anti-IRS1 antibody [EP260Y] (ab46800) + HEK-293 (Human embryonic kidney epithelial cell) whole cell lysates at 15 µg

Secondary
Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 132 kDa
Observed band size: 170 kDa

Exposure time: 3 minutes

Western blot - Anti-IRS1 antibody [EP260Y] (ab46800)

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 https://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