

Product datasheet

Anti-IRS1 (phospho Y896) antibody [EP260Y] ab46800

リコンビナント RabMAb®

6 References

製品の概要

製品名	Anti-IRS1 (phospho Y896) antibody [EP260Y]
製品の詳細	Rabbit monoclonal [EP260Y] to IRS1 (phospho Y896)
由来種	Rabbit
特異性	Reacts only with phosphorylated IRS1.
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: Mouse, Rat, 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 product is a recombinant rabbit monoclonal antibody.

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

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	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
精製度	Tissue culture supernatant
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.

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