

## Product datasheet

# Anti-eIF4B antibody [EP2299Y] ab68474

RabMAb<sup>®</sup>

★★★★★ 1 Abreviews 1 References 画像数 2

### 製品の概要

製品名	Anti-eIF4B antibody [EP2299Y]
製品の詳細	Rabbit monoclonal [EP2299Y] to eIF4B
由来種	Rabbit
アプリケーション	<b>適用あり:</b> ICC/IF, WB, IHC-P, Flow Cyt <b>適用なし:</b> IP
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide within Human eIF4B (C terminal). The exact sequence is proprietary.
ポジティブ・コントロール	HeLa cell lysate, human prostate adenocarcinoma tissue.
特記事項	Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.  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>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EP2299Y
アイソタイプ	IgG

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab68474** 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
ICC/IF	★★★★★	1/100 - 1/250.
WB		1/200000. Detects a band of approximately 90 kDa (predicted molecular weight: 69 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt		1/20. <a href="#">ab172730</a> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

**追加情報** Is unsuitable for IP.

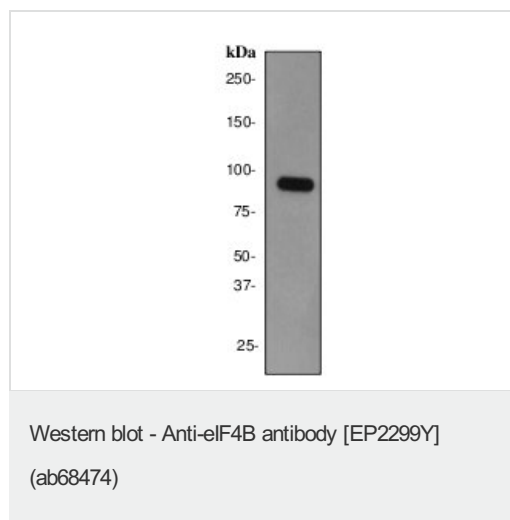
### ターゲット情報

**機能** Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.

**配列類似性** Contains 1 RRM (RNA recognition motif) domain.

**翻訳後修飾** Phosphorylated at Ser-422 by RPS6KA1 and RPS6KB1; phosphorylation enhances the affinity of EIF4B for the EIF3 complex.

### 画像



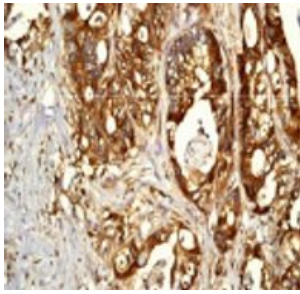
Anti-eIF4B antibody [EP2299Y] (ab68474) at 1/200000 dilution + HeLa cell lysate at 10 µg

#### Secondary

HRP conjugated Goat anti-rabbit. at 1/2000 dilution

**Predicted band size:** 69 kDa

**Observed band size:** 90 kDa



Human prostate adenocarcinoma stained with ab68474 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-eIF4B antibody [EP2299Y] (ab68474)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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