

## Product datasheet

# Anti-EGF antibody ab94898

### 製品の概要

製品名	Anti-EGF antibody
製品の詳細	Rabbit polyclonal to EGF
由来種	Rabbit
アプリケーション	<b>適用あり:</b> ELISA, WB, Indirect ELISA
種交差性	<b>交差種:</b> Human
免疫原	Recombinant Human EGF

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C.
バッファー	Preservative: None Constituents: PBS, pH 7.2
精製度	Immunogen affinity purified
特記事項 (精製)	ab94898 was purified by affinity chromatography employing immobilized Human EGF matrix
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab94898** 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
ELISA		1/0.5 - 1/2.
WB		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 134 kDa. Detection limit is 1.5-3.0 ng, under either reducing or non-reducing conditions

アプリケーション	Abreviews	特記事項
Indirect ELISA		Use a concentration of 0.5 - 2 µg/ml. To detect IL-10 by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant rIL-10.

## ターゲット情報

機能	EGF stimulates the growth of various epidermal and epithelial tissues in vivo and in vitro and of some fibroblasts in cell culture. Magnesiotropic hormone that stimulates magnesium reabsorption in the renal distal convoluted tubule via engagement of EGFR and activation of the magnesium channel TRPM6. Can induce neurite outgrowth in motoneurons of the pond snail <i>Lymnaea stagnalis</i> in vitro (PubMed:10964941).
組織特異性	Expressed in kidney, salivary gland, cerebrum and prostate.
関連疾患	Hypomagnesemia 4
配列類似性	Contains 9 EGF-like domains. Contains 9 LDL-receptor class B repeats.
翻訳後修飾	O-glycosylated with core 1-like and core 2-like glycans. It is uncertain if Ser-954 or Thr-955 is O-glycosylated. The modification here shows glycan heterogeneity: HexHexNAc (major) and Hex2HexNAc2 (minor).
細胞内局在	Membrane.

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

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