

## Anti-Amphiregulin antibody ab2993

### 製品の概要

製品名	Anti-Amphiregulin antibody
製品の詳細	Rabbit polyclonal to Amphiregulin
由来種	Rabbit
アプリケーション	適用あり: IP
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide corresponding to Amphiregulin.
ポジティブ・コントロール	LS174T cells
特記事項	

Amphiregulin binds to EGF Receptor (EGFR) with lower affinity than EGF. The mature secreted form AR is an 84 amino acid residue glycosylated polypeptide growth regulator, which is generated by proteolytic processing of a 252 amino acid transmembrane precursor. Seven different polypeptide ligands, which derive from distinct genes, are capable of binding to the extracellular domain of EGFR. These ligands include EGF, TGF alpha, AR, HB EGF, cripto 1, epiregulin, and betacellulin. All of these growth factors contain a characteristic EGF like domain which is defined by 6 evenly spaced cysteine residues that generate 3 loops through the formation of disulfide bonds. AR protein has been localized by immunohistochemistry to the epithelium of the colon, stomach, pancreas, breast, and placenta. AR is reportedly overexpressed in human cancers of breast, colon, stomach, and pancreas.

### 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 Constituents: 0.0268% PBS, 0.2% BSA
精製度	Protein A purified
一次抗体 備考	Amphiregulin binds to EGF Receptor (EGFR) with lower affinity than EGF. The mature secreted form AR is an 84 amino acid residue glycosylated polypeptide growth regulator, which is generated by proteolytic processing of a 252 amino acid transmembrane precursor. Seven different polypeptide ligands, which derive from distinct genes, are capable of binding to the extracellular domain of EGFR. These ligands include EGF, TGF alpha, AR, HB EGF, cripto 1, epiregulin, and betacellulin. All of these growth factors contain a characteristic EGF like domain which is defined by 6 evenly spaced cysteine residues that generate 3 loops through the

formation of disulfide bonds. AR protein has been localized by immunohistochemistry to the epithelium of the colon, stomach, pancreas, breast, and placenta. AR is reportedly overexpressed in human cancers of breast, colon, stomach, and pancreas.

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 **ab2993** 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
IP		Use at 10 µg/mg of lysate. With protein A, native.

## ターゲット情報

機能	Bifunctional growth-modulating glycoprotein. Inhibits growth of several human carcinoma cells in culture and stimulates proliferation of human fibroblasts and certain other tumor cells.
配列類似性	Belongs to the amphiregulin family. Contains 1 EGF-like domain.
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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