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# **Recombinant EGFR Monoclonal Antibody**

catalog number: AN300843L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human EGFR protein

Host Rabbit Isotype IgG,ĸ Clone B786 **Purification** Protein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

#### **Applications Recommended Dilution**

1:200-1:1000 **IHC** 1:2000-1:10000 WB

#### Data





Western Blot with Recombinant EGFR Monoclonal Antibody Immunohistochemistry of paraffin-embedded mouse salivary at dilution of 1:1000 dilution. Lane A: Hela cells. gland using Recombinant EGFR Monoclonal Antibody at

Calculated-MW:134 kDa

Observed-MW:175 kDa dilution of 1:200.

## **Preparation & Storage**

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Storage

**Shipping** Ice bag

### **Background**

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer.

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