

GRB7 MAB**GRB7 Monoclonal Antibody****Cat. #:** 26133**Gene Symbol:** GRB7**Description:** anti-GRB7 Mouse Monoclonal Antibody

Background: Grb7 is an adaptor protein that interacts with epidermal growth factor receptor (EGFR) and ephrin receptors. It plays a role in the integrin signaling pathway and cell migration by binding with focal adhesion kinase (FAK). Grb7 gene is commonly co-amplified (present in excess copies) in breast cancers. Grb7 is over-expressed in testicular germ cell tumors, esophageal cancers, and gastric cancers. There are clues that it involved in cell migration and metastatic progression of human esophageal carcinomas.

Immunogen: Purified GRB7 protein, human origin.**Applications:** ELISA, WB, IHC**Recommended Dilutions:**

ELISA: 1:1000–1:5000

WB: 1:100–1:1000

IHC: 1:50–1:200

Concentration: 0.5 mg/ml**Host Species:** Mouse**Format:** Liquid**Clonality:** Monoclonal**Isotype:** IgG**Purity:** Purified from ascites**Preservative:** No**Constituents:** PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol**Species Reactivity:** Recognizes GRB7 of vertebrates.**Storage Conditions:** Store at $-20^{\circ}C$. Avoid repeated freezing and thawing

Western blot:

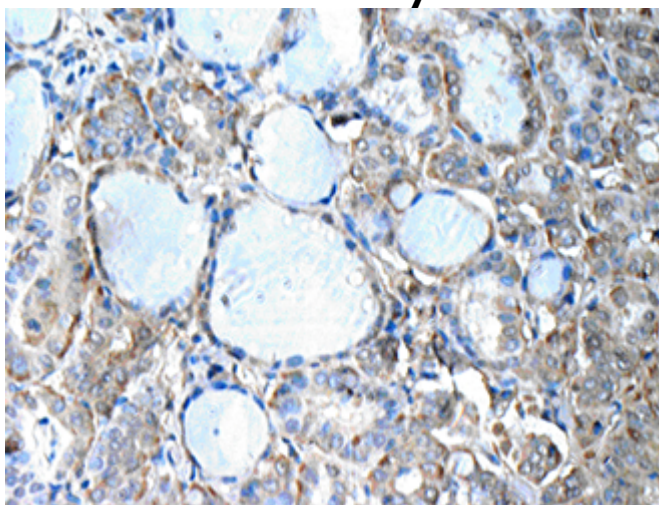
GRB7 protein



WB: Anti-GRB7 mAb

Western blot analysis of recombinant GRB7 protein. Purified His-tagged GRB7 protein was blotted with anti GRB7 mouse monoclonal antibody (Cat. #26133).

Immunohistochemistry:



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue with anti GRB7 monoclonal antibody (Cat. #26133). Tissue samples were fixed with formaldehyde and blocked with 1% serum for 15 min at 37 °C. Antigen retrieval was by heat mediation in citrate buffer (pH6). Samples were then incubated with primary antibody (1:50 dilution) overnight at 4°C. A HRP-conjugated Goat anti-mouse IgG (1:50 dilution) was used as secondary antibody.