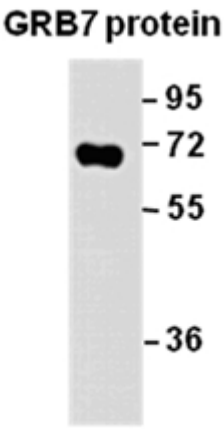
GRB7 MAB

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°C. Avoid repeated freezing and thawing

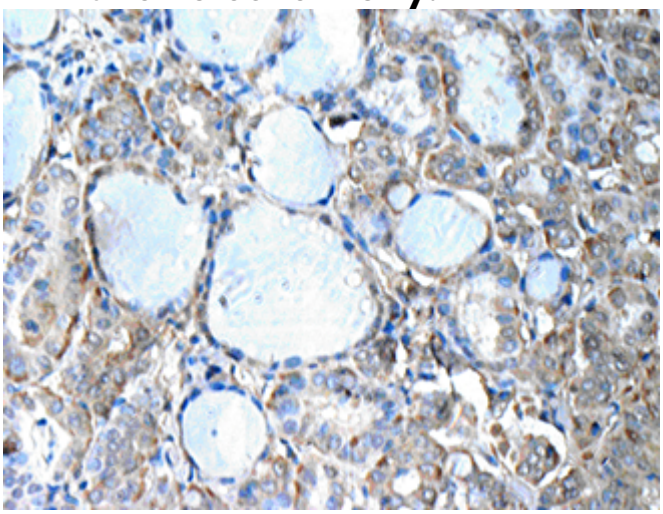
Western blot:



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.