

**GAB1 monoclonal antibody**

Catalog: MB67090

Host: Mouse

Reactivity: Human

BackGround:

The Grb-associated binder (Gab) family is a family of adaptor proteins recruited by a wide variety of receptor tyrosine kinases (RTKs) such as EGFR, HGFR, insulin receptor, cytokine receptor and B cell antigen receptors. Upon stimulation of RTKs by their cognate ligand, Gab is recruited to the plasma membrane where it is phosphorylated and functions as a scaffold. Multiple tyrosine phosphorylation sites of Gab1 protein have been identified. Phosphorylation of Tyr472 regulates its binding to p85 PI3 kinase. Phosphorylation of Gab1 at Tyr307, Tyr373 and Tyr407 modulates its association to PLC γ . Phosphorylation of Tyr627 and Tyr659 is required for Gab1 binding to and activation of the protein tyrosine phosphatase SHP2.

Product:

Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 100 kDa

Swiss-Prot:

Q13480

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of GAB1 protein.

DATA:

Western blot analysis of GAB1 expression in Gab1 Wildtype (A), Gab1 heat shocked (B) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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