

IGF1R monoclonal antibody

Catalog: MB23083

Host: Mouse

Reactivity: Human

BackGround:

This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

154.8kDa

Swiss-Prot:

P08069

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

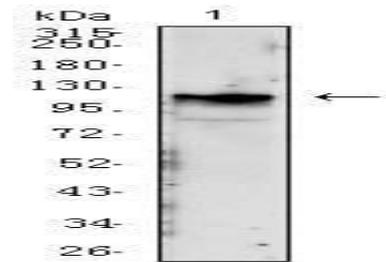
WB:1/500 - 1/2000 FC:1/200 - 1/400

Storage&Stability:

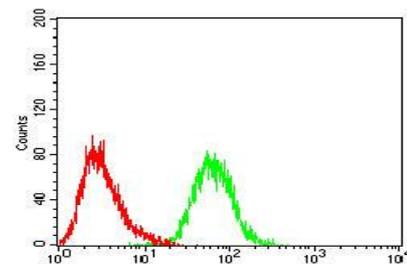
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG2a

DATA:

Western blot analysis using IGF1R mouse mAb against NIH3T3 (1), cell lysate.



Flow cytometric analysis of HepG2 cells using IGF1R mouse mAb (green) and negative control (red).

Note:

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

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