

Phospho-mTOR (Ser2448) monoclonal antibody

Catalog: MB11248

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

An atypical kinase belonging to the PIKK family of kinases. Controls cell growth through protein synthesis regulation. Downstream of PI3K/Akt pathway and required for cell survival. Acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 289 kDa; Observed MW: 289 kDa

Swiss-Prot:

P42345

Purification&Purity:

Affinity Purified

Applications:

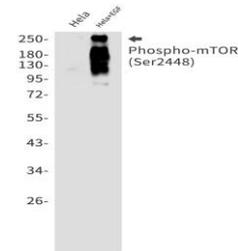
WB: 1/500-1/1000 IHC: 1/50-1/100

Storage&Stability:

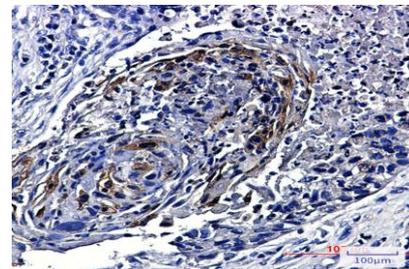
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of Phospho-mTOR in HeLa, HeLa+EGF lysates using Phospho-mTOR antibody.



Western blot analysis of mTOR in 3t3 lysates using mTOR antibody. Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Phospho-mTOR antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note:

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

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