

mTOR (Phospho-Ser2448) Rabbit mAb

Catalog No: #14240

Package Size: #14240-1 50ul #14240-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

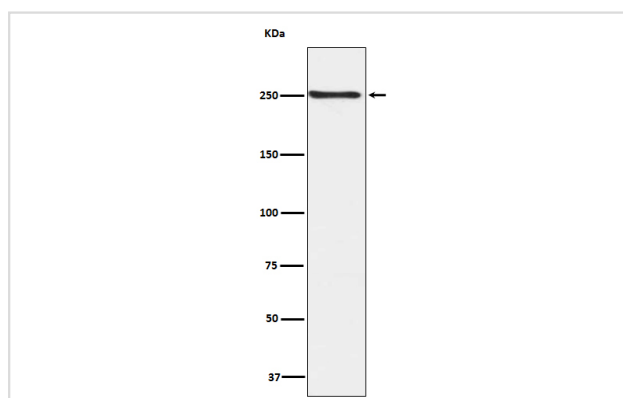
Description

| | |
|-----------------------|--|
| Product Name | mTOR (Phospho-Ser2448) Rabbit mAb |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Isotype | Rabbit IgG |
| Purification | Affinity-chromatography |
| Applications | WB IHC |
| Species Reactivity | Human Mouse Rat Pig |
| Specificity | Phospho-mTOR (S2448) Antibody detects endogenous levels of total Phospho-mTOR (S2448) |
| Immunogen Description | A synthesized peptide derived from human Phospho-mTOR (S2448) |
| Other Names | FRAP; FRAP1; FRAP2; RAFT1; Rapamycin target protein; kinase mTOR; |
| Accession No. | Uniprot:P42345 |
| Uniprot | P42345 |
| Calculated MW | 289kDa |
| Formulation | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at +4 Λ C short term. Store at -20 Λ C long term. Avoid freeze / thaw cycle. |

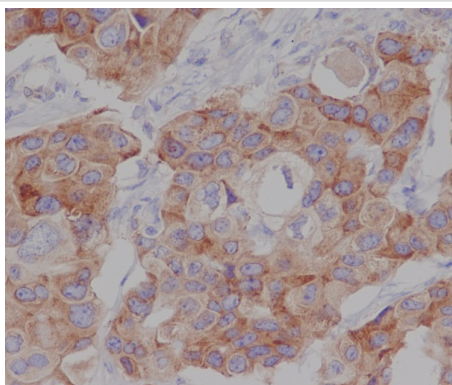
Application Details

WB:1:500~1:1000IHC:1:50~1:100

Images



Western blot analysis of Phospho-mTOR (S2448) expression in HEK293 cell lysate.



Immunohistochemical analysis of paraffin-embedded human breast cancer, using Phospho-mTOR (S2448) Antibody.

Product Description

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.

Note: This product is for in vitro research use only