

Anti-Phospho-Merlin (Ser518) Polyclonal Antibody 2

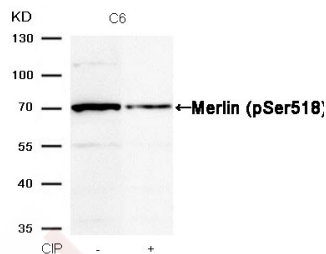
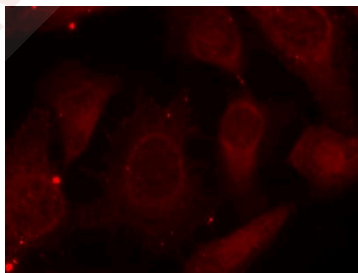
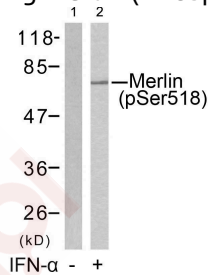
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

Verified Activity:

- Western blot analysis of extracts from HUVEC cells untreated (lane 1) or treated with IFN- α (lane 2) using Merlin (Phospho-Ser518) Antibody TMAC-02562.
- Immunofluorescence staining of methanol-fixed Hela cells using Merlin (Phospho-Ser518) Antibody TMAC-02562.
- Western blot analysis of extracts from C6 cells, treated with calf intestinal phosphatase (CIP), using Merlin (Phospho-Ser518) Antibody TMAC-02562.



Application: IF, WB

A DRUG SCREENING EXPERT

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Peptide sequence around phosphorylation site of serine 518 (R-L-S(p)-M-E) derived from Human Merlin

Antigen Species: Human

Uniprot ID: P35240

Synonyms: p-Merlin (S518);Merlin (p-S518);Merlin (p-Ser518);p-Merlin (Ser518)

Research Background

Probable regulator of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway, a signaling pathway that plays a pivotal role in tumor suppression by restricting proliferation and promoting apoptosis. Along with WWC1 can synergistically induce the phosphorylation of LATS1 and LATS2 and can probably function in the regulation of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway. May act as a membrane stabilizing protein. May inhibit PI3 kinase by binding to AGAP2 and impairing its stimulating activity.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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