Merlin(Phospho-Ser518) Antibody

Catalog No: #11266

Package Size: #11266-1 50ul #11266-2 100ul #11266-4 25ul

Overview

Product Name	Merlin(Phospho-Ser518) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	Merlin
Modification	Phospho-Ser518
Alternative Names	MERL; NF2; Neurofibromin 2; SCH; Schwannomerlin

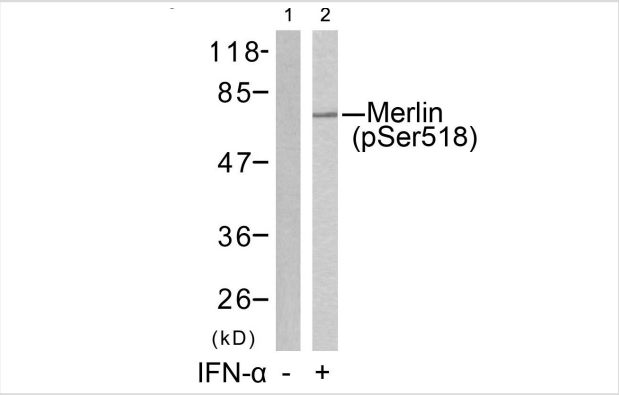
Application Details

Predicted MW: 69kd

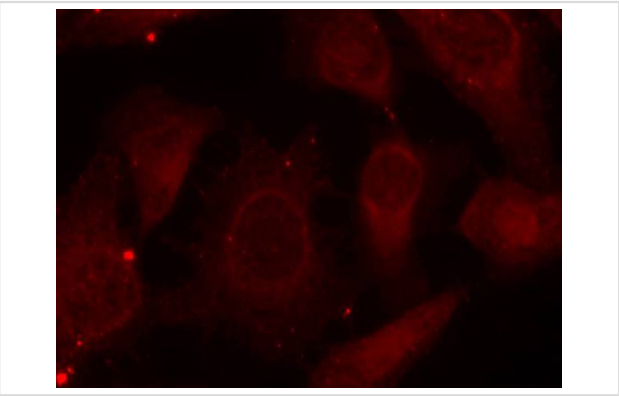
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

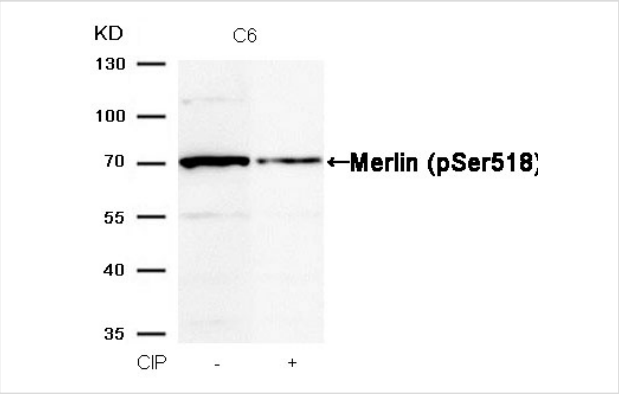
Images



Western blot analysis of extracts from HUVEC cells untreated(lane 1) or treated with IFN-a(lane 2) using Merlin(Phospho-Ser518) Antibody #11266.



Immunofluorescence staining of methanol-fixed Hela cells using Merlin(Phospho-Ser518) Antibody #11266.



Western blot analysis of extracts from C6 cells, treated with calf intestinal phosphatase (CIP), using Merlin (Phospho-Ser518) Antibody #11266.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 518 (R-L-S(p)-M-E) derived from Human Merlin.
Specificity	The antibody detects endogenous level of Merlin only when phosphorylated at serine 518.
Purifiction	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 chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P35240NCBI Protein: NP_000259.1

Related Information

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.

Guang-Hui Xiao, et al. (2005) Mol. Cell. Biol ; 25: 2384 - 2394.
Hi-Su Yang, et al. (2006) Cancer Res ; 66: 2708 - 2715.
R Bohni, et al. (1994) J. Biol. Chem ; 269: 14541 - 14545.
Adam J. Ratner, et al. (2001) J. Biol. Chem ; 276: 19267 - 19275.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.