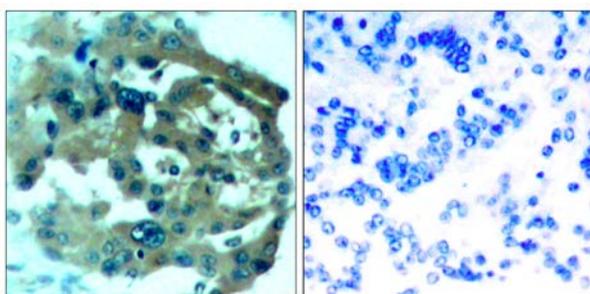




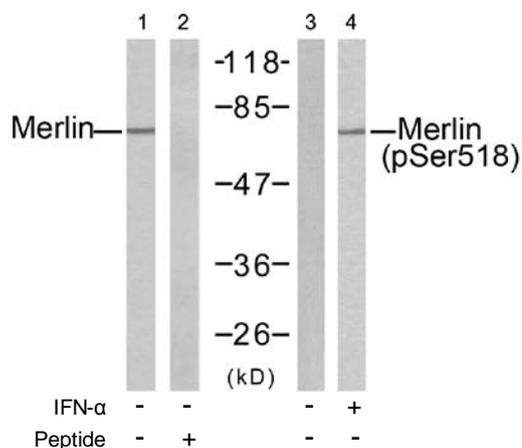
## Merlin (Ab-518) Antibody

E021258

- Catalog Number:** E021258-1, E021258-2  
**Amount:** 50µg/50µl, 100µg/100µl  
**Swiss-Prot No. :** P35240  
**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.  
**Storage/Stability:** Store at -20°C/1 year  
**Immunogen:** The antiserum was produced against synthesized non-phosphopeptide derived from human Merlin around the phosphorylation site of serine 518 (R-L-S<sup>P</sup>-M-E).  
**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  
**Specificity/Sensitivity:** Merlin (Ab-518) antibody detects endogenous levels of total Merlin protein.  
**Reactivity:** Human, Mouse, Rat  
**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100  
**References:** 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.



Peptide - +  
 Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using Merlin (Ab-518) antibody (E021258).



Western blot analysis of extracts from HUVEC cells untreated or treated with IFN- $\alpha$  (100ng/ml, 15min), using Merlin (Ab-518) antibody (E021258, Line 1 and 2) and Merlin (phospho-Ser518) antibody (E011266, Line 3 and 4).

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