



Merlin (Phospho-Ser10) Antibody

E11-8046A

Catalog Number: E11-8046A

Concentration: 1mg/ml

Swiss-Prot No.: P35240

Other Names: MERL; moesin-ezrin-radixin-like protein; neurofibromatosis type 2 gene; neurofibromatosis-2; Neurofibromin 2; NF-2; NF2; SCH; Schwannomerlin; schwannomerlin; Schwannomin

All Sites: Human: Ser10; Mouse: Ser10; Rat: Ser6

Storage/Stability: Store at -20 °C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Merlin around the phosphorylation site of serine 10 (R-M-S^P-F-S).

Purification: The antibody was affinity-purified from

rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: Merlin (Phospho-Ser10) antibody detects endogenous levels of Merlin only when phosphorylated at serine 10.

Reactivity: Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)

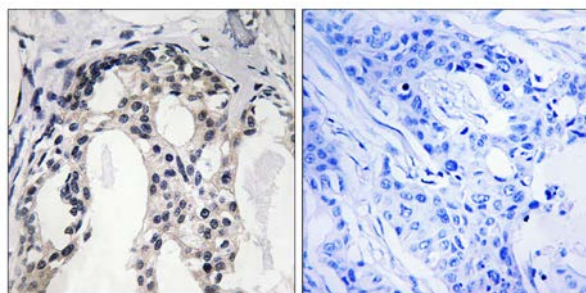
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:1000

References:

Trofatter J.A., Cell 72:791-800(1993).

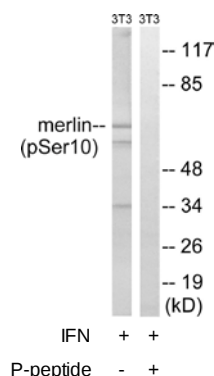
Rouleau G.A., Nature 363:515-521(1993).

Zucman-Rossi J., Hum. Mol. Genet. 7:2095-2101(1998).



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Merlin (Phospho-Ser10) antibody.



Western blot analysis of extracts from 3T3 cells, treated with IFN (2500U/ml, 30mins), using Merlin (Phospho-Ser10) antibody.

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