



Cytokeratin 18 (Phospho-Ser52) Antibody

E11-0882A

Catalog Number: E11-0882A

Concentration: 1mg/ml

Swiss-Prot No.: P05783

Other Names: CK 18, CK18, CYK18, Cytokeratin endo B, K18, K1C18, KERD, KRT1-18, KRT18, Keratin, Keratin D, Keratin, type I cytoskeletal 18, cytokeratin 18, type I cytoskeletal 18

All Sites: Human: Ser52

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

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Cytokeratin 18 around the phosphorylation site of serine 52 (S-T-S^P-F-R).

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: Cytokeratin 18 (Phospho-Ser52) antibody detects endogenous levels of Cytokeratin 18 only when phosphorylated at serine 52.

Reactivity: Human

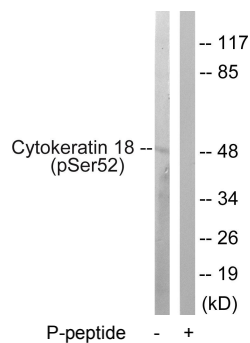
Applications: WB: 1:500~1:1000 IF: 1:100~1:500
ELISA: 1:10000

References:

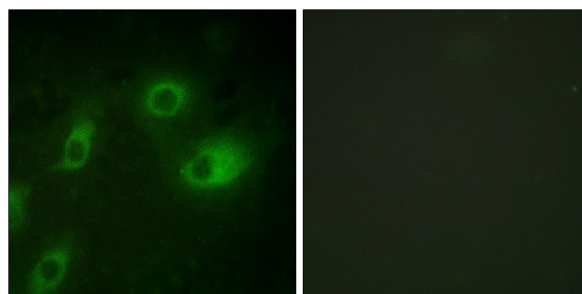
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Ji H., Electrophoresis 18:605-613(1997).

Ku N.-O., J. Biol. Chem. 270:11820-11827(1995).



Western blot analysis of extracts from HepG2 cells, using Cytokeratin 18 (Phospho-Ser52) antibody.



Immunofluorescence analysis of HeLa cells, using Cytokeratin 18 (Phospho-Ser52) antibody.

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