



## FAK (Phospho-Ser843) Antibody

E11-8032A

**Catalog Number:** E11-8032A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** Q05397

**Other Names:** EC 2.7.10.2; FADK 1; FAK1; Focal adhesion kinase 1; pp125FAK; Protein- tyrosine kinase 2; PTK2

**All Sites:** Human: Ser843; Mouse: Ser881; Rat: Ser843

**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 FAK around the phosphorylation site of serine 843 (R-G-S<sup>P</sup>-I-D).

**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:** FAK (Phospho-Ser843) antibody detects endogenous levels of FAK only when phosphorylated at serine 843.

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

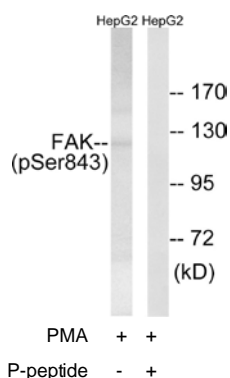
**Applications:** WB: 1:500~1:1000 ELISA: 1:40000

### References:

Whitney G.S., DNA Cell Biol. 12:823-830(1993).

Andre E., Biochem. Biophys. Res. Commun. 190:140-147(1993).

Lee S.-T., Oncogene 8:3403-3410(1993).



Western blot analysis of extracts from HepG2 cells, treated with PMA (125ng/ml, 20mins), using FAK (Phospho-Ser843) antibody.

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