



## Abl (Phospho-Tyr412) Antibody

E11-0403A

**Catalog Number:** E11-0403A

**Amount:** 100 $\mu$ g/100 $\mu$ l

**Swiss-Prot No.:** P00519

**All Names:** ABL1, EC 2.7.1.112, JTK7, Proto-oncogene tyrosine-protein kinase ABL1, c-ABL, p150

**All Sites:** Human: Tyr412; Mouse: Tyr412; Rat: Tyr412

**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 phosphopeptide derived from human Abl1 around the phosphorylation site of tyrosine 412 (D-T-Y<sup>P</sup>-T-A).

**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/Sensitivity:** Abl (Phospho-Tyr412) Antibody detects endogenous levels of Abl1 only when phosphorylated at tyrosine 412.

**Reactivity:** Human, Mouse, Rat

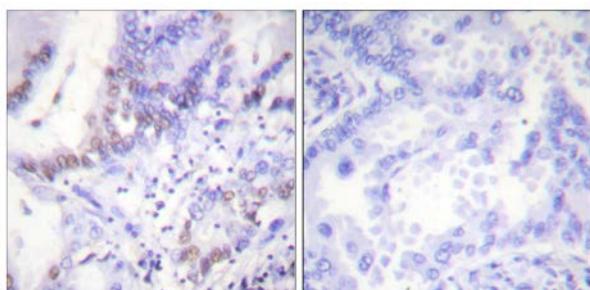
**Applications:** WB: 1:500~1:1000      IHC: 1:50~100  
ELISA: 1:5000

**References:** Fotis A. Asimakopoulos, Blood, Oct 1999; 94: 2452 - 2460.

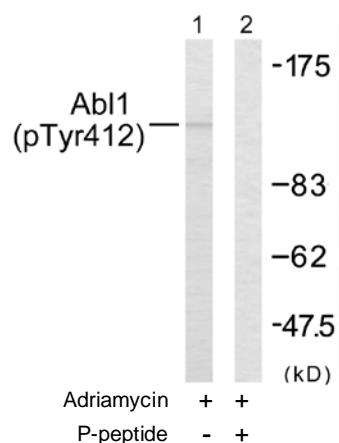
Thomas Burmeister, Blood, Nov 2006; 108: 3556 - 3559.

Kim De Keersmaecker, Blood, Jun 2005; 105: 4849 - 4852.

Florian Klein, J. Exp. Med., Mar 2004; 199: 673.



P-peptide      -      +  
Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Abl (Phospho-Tyr412) Antibody (#A0403).



Western blot analysis of extracts from COS7 cells, treated with Adriamycin (0.5 $\mu$ g/ml, 24 hours), using Abl (Phospho-Tyr412) Antibody (#A0403).