



PLK1 (Phospho-Ser137) Antibody

E11-8175A

Catalog Number: E11-8175A

Concentration: 1mg/ml

Swiss-Prot No.: P53350

Other Names: Polo-like kinase 1; PLK-1;

Serine/threonine-protein kinase 13; STPK13

All Sites: Human: Ser137; Mouse: Ser137; Rat: Ser137

Storage/Stability: Store at -20 °C

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 PLK1 around the phosphorylation site of serine 137 (R-R-S^P-L-L).

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.

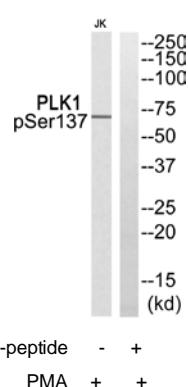
Specificity: PLK1 (Phospho-Ser137) antibody detects endogenous levels of PLK1 only when phosphorylated at serine 137.

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:

Hamanaka R., Cell Growth Differ. 5:249-257(1994).
Lake R.J., Mol. Cell. Biol. 13:7793-7801(1993).
Golsteyn R.M., J. Cell Sci. 107:1509-1517(1994).



Western blot analysis of extracts from Jurkat cells treated with PMA, using PLK1 (Phospho-Ser137) antibody.

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