



## Nibrin (Phospho-Ser278) Antibody

E11-1221A

**Catalog Number:** E11-1221A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** O60934

**Other Names:** Cell cycle regulatory protein P95; NBN; NBS; NIBRIN; Nijmegen breakage syndrome 1 (nibrin); NIJMEGEN BREAKAGE syndrome protein 1; p95-NBS1

**All Sites:** Human: Ser278

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

**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.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human Nibrin around the phosphorylation site of serine 278 (T-N-S<sup>P</sup>-Q-T).

**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:** Nibrin (Phospho-Ser278) antibody detects endogenous levels of Nibrin only when phosphorylated at serine 278.

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

**Applications:** WB: 1:500~1:1000    IF: 1:100~1:500

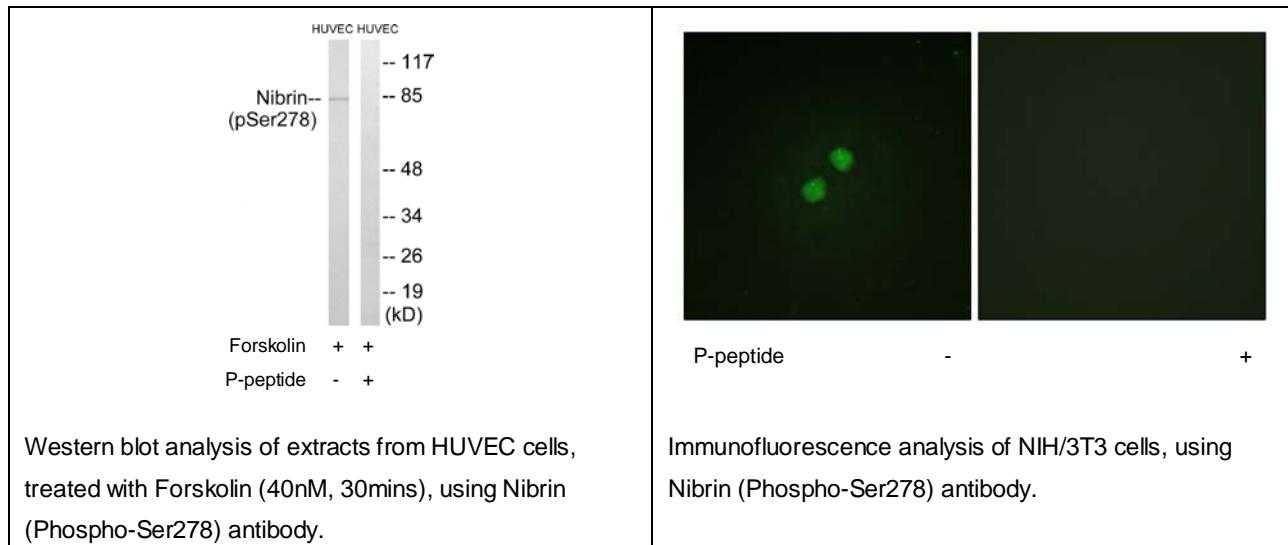
ELISA: 1:1000

### References:

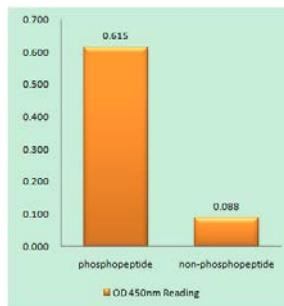
Varon R., Cell 93:467-476(1998).

Carney J.P., Cell 93:477-486(1998).

Matsuura S., Nat. Genet. 19:179-181(1998).



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Nibrin (Phospho-Ser278) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.