



Neuro D (Phospho-Ser274) Antibody

E11-8383A**Catalog Number:** E11-8383A**Concentration:** 1mg/ml**Swiss-Prot No.:** Q13562**Other Names:** beta2; NDF1; NEUROD; NeuroD1;

Neurogenic differentiation factor 1

All Sites: Human: Ser274; Mouse: Ser274; Rat: Ser274**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 Neuro D around the phosphorylation site of serine 274 (P-L-S^P-P-P).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

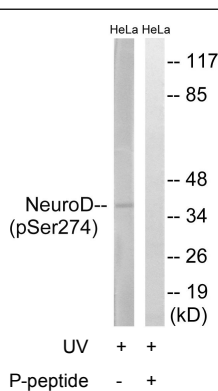
epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: Neuro D (Phospho-Ser274) antibody detects endogenous levels of Neuro D only when phosphorylated at serine 274.**Reactivity:** Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)**Applications:** WB: 1:500~1:1000 ELISA: 1:10000**References:**

Tamimi R., Genomics 34:418-421(1996).

Yokoyama M., Brain Res. Mol. Brain Res. 42:135-139 (1996).

Miyachi T., Brain Res. Mol. Brain Res. 69:223-231(1999).



Western blot analysis of extracts from HeLa cells, treated with UV (15mins), using Neuro D (Phospho-Ser274) antibody.

For Research Use Only