



## Ezrin (Phospho-Tyr478) Antibody

E11-8031A

**Catalog Number:** E11-8031A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P15311

**Other Names:** Cytovillin; EZRI; p81; VIL2; Villin 2

**All Sites:** Human: Tyr478; Mouse: Tyr478; Rat: Tyr478

**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 Ezrin around the phosphorylation site of tyrosine 478 (P-V-Y<sup>P</sup>-E-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:** Ezrin (Phospho-Tyr478) antibody detects endogenous levels of Ezrin only when phosphorylated at tyrosine 478.

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

Mouse (Identities = 90%, Positives = 100%);

Rat (Identities = 90%, Positives = 100%)

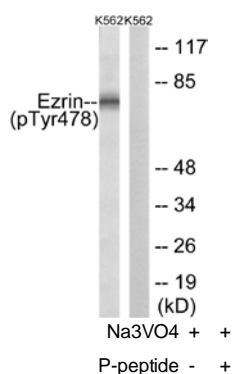
**Applications:** WB: 1:500~1:1000 ELISA: 1:1000

### References:

Gould K.L., EMBO J. 8:4133-4142(1989).

Turunen O., J. Biol. Chem. 264:16727-16732(1989).

Mungall A.J., Nature 425:805-811(2003).



Lane 1: The extracts from K562 cells treated with Na3VO4 (0.3nM, 40mins) using Ezrin (Phospho-Tyr478) antibody

Lane 2: The extracts from K562 cells treated with Na3VO4 (0.3nM, 40mins) plus phosphopeptide using Ezrin (Phospho-Tyr478) antibody

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