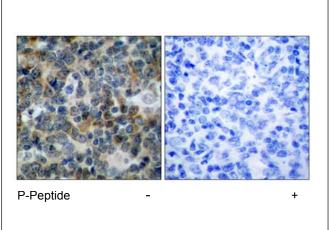


## VASP (Phospho-Ser239) Antibody Blocking Peptide

| Catalog Number:<br>Amount:<br>Swiss-Prot No. : | 51158-1, 51158-2<br>50µg/50µl, 100µg/100µl<br>Р50552  |
|--|---|
| Form of Peptide :                              | Peptide in phosphate buffered saline (without $Mg^{2+}$ and $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.   |
| Storage:                                       | Store at -20℃.  |
| Quality Control:                               | The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.  |
| Peptide Information :                          | The synthesized phosphopeptide was derived from human VASP around the phosphorylation site of serine 239 (K-V-S <sup>P</sup> -K-Q).   |
| Specificity:                                   | The peptide specifically blocks the signal of VASP (phospho-Ser239) antibody (#11158) completely in Western blotting and IHC .  |
| Applications:                                  | For Western blotting:add 10 $\mu$ l of antibody and 10 $\mu$ l of blocking peptide to 10 ml of antibody dilution buffer, and incubate at 4°C over night or at room temperature for 2 hours before allowing to react with the blot.  |
| References:                                    | Zhao WM, et al. (2001) EMBO J; 20(9): 2315-2325<br>Millard TH, et al. (2005) EMBO J; 24(2): 240-250<br>Kühnel K, et al. (2004) Proc Natl Acad Sci U S A; 101(49): 17027-17032<br>Haffner C, et al. (1995) EMBO J; 14(1): 19-27<br>Ramesh N, et al. (1997) Proc Natl Acad Sci U S A; 94(26): 14671-14676 |



3 4 1 2 -118--85-VASP-C -VASP -47-(pSer239) -36--26-(kD) Forskolin + + + Peptide -

#51158

Immunohistochemical analysis of paraffin-embedded human tonsil carcinoma tissue, using VASP (phospho-Ser239) antibody (#11158).

Western blot analysis of extract from NIH/3T3 cells untreated or treated with forskolin (40µM, 30min), using VASP (Ab-239) antibody (#21172, Line 1 and 2) and VASP (phospho-Ser239) antibody (#11158, Line 3 and 4).