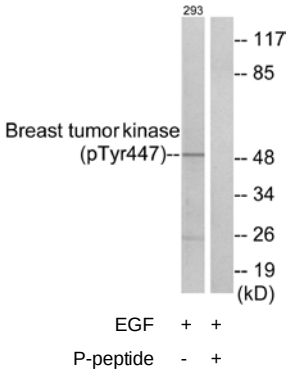
Breast Tumor Kinase (Phospho-Tyr447) Antibody

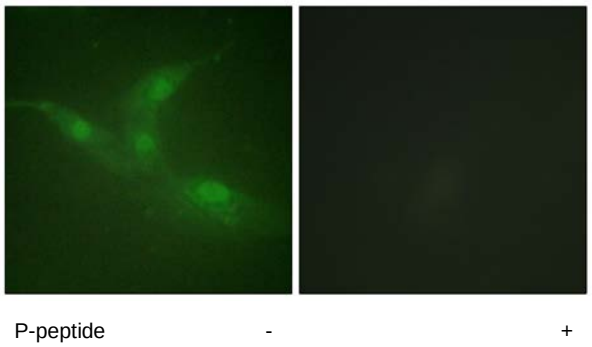
E11-0783A

Catalog Number: E11-0783A
Concentration: 1mg/ml
Swiss-Prot No.: Q13882
Other Names: Breast tumor kinase, EC 2.7.10.2, PTK6, Tyrosine-protein kinase 6, Tyrosine-protein kinase brk
All Sites: Human: Tyr447; Mouse: Tyr447
Storage/Stability: Store at -20℃/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 Breast Tumor Kinase around the phosphorylation site of tyrosine 447 (T-S-Y^P-E-N).
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: Breast Tumor Kinase (Phospho-Tyr447) antibody detects endogenous levels of Breast Tumor Kinase only when phosphorylated at tyrosine 447.
Reactivity: Human, Mouse
Applications: WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:1000
References:

Mitchell P.J., Oncogene 9:2383-2390(1994).
Lee H.-Y., Mol. Cells 8:401-407(1998).
Deloukas P., Nature 414:865-871(2001).



Western blot analysis of extracts from 293 cells, treated with EGF (200ng/ml, 30mins), using Breast Tumor Kinase (Phospho-Tyr447) antibody.



Immunofluorescence analysis of NIH/3T3 cells, using Breast Tumor Kinase (Phospho-Tyr447) antibody.

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