



EPHA2/3/4(Phospho-Tyr588/596)Antibody

E11-0914A

Catalog Number: E11-0914A

Concentration: 1mg/ml

Swiss-Prot No.: P29317/P29320/P54764

Other Names: EC 2.7.10.1, ECK, Ephrin type-A receptor 2 precursor, Epithelial cell kinase, MPK-5, SEK-2, SEK2, Tyrosine-protein kinase receptor ECK, kinase EphA2

All Sites: Human: Tyr588/Tyr596/Tyr596; Mouse: Tyr589/Tyr596/Tyr596

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 EPHA2/3/4 around the phosphorylation site of tyrosine 588/596 (T-Y^P-V-D-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.

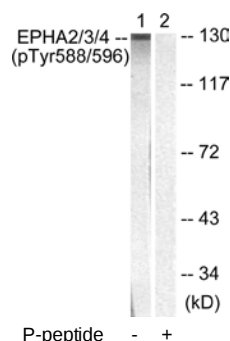
Specificity: EPHA2/3/4 (Phospho-Tyr588/596) antibody detects endogenous levels of EPHA2/3/4 only when phosphorylated at tyrosine 588/596.

Reactivity: Human, Mouse

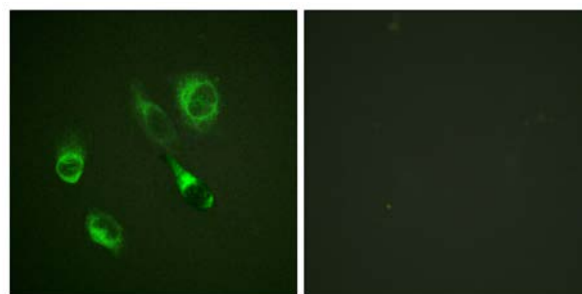
Applications: WB: 1:500~1:1000 IF: 1:100~1:500
ELISA: 1:20000

References:

Lindberg R.A., Mol. Cell. Biol. 10:6316-6324(1990).
Zhang Y., Mol. Cell. Proteomics 4:1240-1250(2005).
Zhuang G., J. Biol. Chem. 282:2683-2694(2007).



Western blot analysis of extracts from HepG2 cells, using EPHA2/3/4 (Phospho-Tyr588/596) antibody.



P-peptide - +

Immunofluorescence analysis of HeLa cells, using EPHA2/3/4 (Phospho-Tyr588/596) antibody.

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