



Src (Ab-529) Antibody

#21168

Catalog Number: 21168-1, 21168-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P12931

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.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from human Src around the phosphorylation site of tyrosine 529 (P-Q-Y^P-Q-P).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

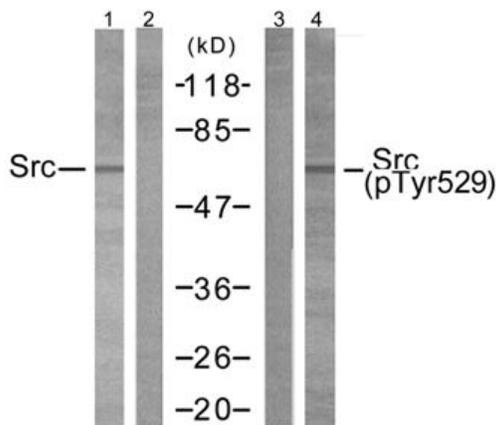
Specificity/Sensitivity: Src(Ab-529) antibody detects endogenous levels of total Src protein.

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 60 kd

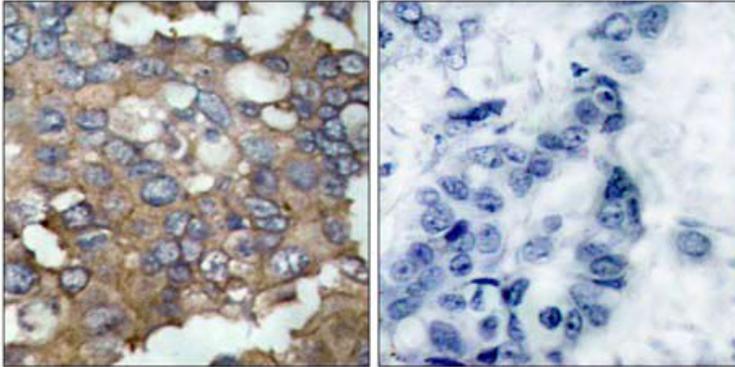
WB: 1:500~1:1000 IHC: 1:50~1:100



EGF+serum -- + -

Peptide - + - -

Western blot analysis of extracts from 293 cells using Src (Ab-529) antibody (#21168, Lane 1 and 2) and Src (phospho-Tyr529) antibody (#11153, Lane 3 and 4).



Peptide - +

Immunohistochemical analysis of paraffin- embedded human lung carcinoma tissue using Src (Ab-529) antibody (#21168).

Background :

proto-oncogenic cytoplasmic tyrosine kinase of the SRC family. Highly expressed in certain fully differentiated cells such as neurons, platelets and macrophages. Phosphorylation of an activation loop tyrosine activates the enzyme; phosphorylation of a tyrosine in the C-terminus by Csk inhibits the enzyme.

References:

.Piper J.M., (1985) Mol. Cell. Biol. 5:831-838 Piper J.M.(1990) Mol. Cell. Biol. 10:2035-2040

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