Product Datasheet

Src(Ab-529) Antibody

Catalog No: #21168

Package Size: #21168-1 50ul #21168-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Src(Ab-529) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total Src protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 527~531 (P-Q-Y-Q-P) derived from Human Src.
Target Name	Src
Other Names	C-SRC; SRC1;
Accession No.	Swiss-Prot: P12931NCBI Protein: NP_005408.1
Uniprot	P12931
GeneID	6714;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

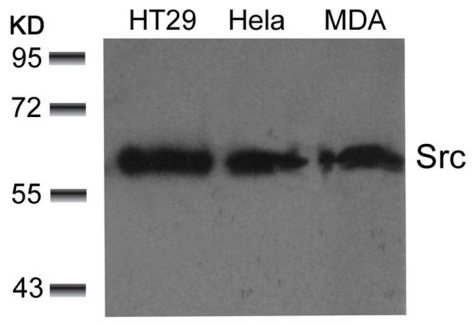
Application Details

Predicted MW: 60kd

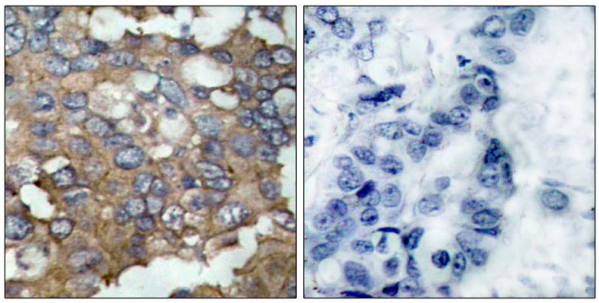
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

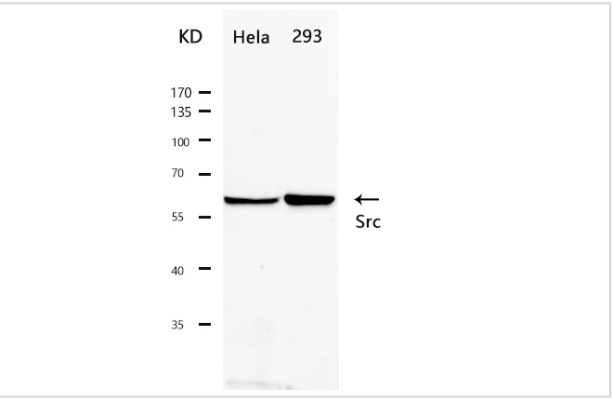
Images



Western blot analysis of extracts from HT29, Hela and MDA cells using Src(Ab-529) Antibody #21168.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Src(Ab-529) Antibody #21168(left) or the same antibody preincubated with blocking peptide(right).



Western Blot analysis of Hela /293 cells using Src Polyclonal Antibody

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.

Pyper J.M., (1985) Mol. Cell. Biol. 5:831-838
Pyper J.M.(1990) Mol. Cell. Biol. 10:2035-2040
Xu W., (1997).Nature 385:595-602
Benes C.H., (2005) Cell 121:271-280

Note: This product is for in vitro research use only