

Recombinant Human ABL1

Catalog No: #GP10145



Package Size: #GP10145-1 100ug

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

Description

Product Name	Recombinant Human ABL1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from C terminal 250 amino acids of human c-abl oncogene 1, non-receptor tyrosine kinase
Target Name	c-abl oncogene 1, non-receptor tyrosine kinase
Other Names	ABL; JTK7; p150; c-ABL; v-abl; c-ABL1; bcr/abl
Accession No.	Swissprot:P00519Gene Accession:BC117451
Uniprot	P00519
GenID	25;
Storage	-20~-80°C, pH 7.6 PBS

Background

The ABL1 protooncogene encodes a cytoplasmic and nuclear protein tyrosine kinase that has been implicated in processes of cell differentiation, cell division, cell adhesion, and stress response. Activity of c-Abl protein is negatively regulated by its SH3 domain, and deletion of the SH3 domain turns ABL1 into an oncogene. The t(9;22) translocation results in the head-to-tail fusion of the BCR (MIM:151410) and ABL1 genes present in many cases of chronic myelogenous leukemia. The DNA-binding activity of the ubiquitously expressed ABL1 tyrosine kinase is regulated by CDC2-mediated phosphorylation, suggesting a cell cycle function for ABL1.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only