

Basic Information

Product Name	Anti-ABL1 (Phospho-Y245) Antibody
Gene Name	ABL1
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat, monkey
Tested Application	WB, ICC/IF
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human c-Abl around the phosphorylation site of Tyr245.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	135 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-400

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

c Abl is also called as ABL1. This gene is a protooncogene that encodes a protein tyrosine kinase involved in a variety of cellular processes, including cell division, adhesion, differentiation, and response to stress. The activity of the protein is negatively regulated by its SH3 domain, whereby deletion of the region encoding this domain results in an oncogene. The ubiquitously expressed protein has DNA-binding activity that is regulated by CDC2-mediated phosphorylation, suggesting a cell cycle function. This gene has been found fused to a variety of translocation partner genes in various leukemias, most notably the t(9;22) translocation that results in a fusion with the 5' end of the breakpoint cluster region gene. Alternative splicing of this gene results in two transcript variants, which contain alternative first exons that are spliced to the remaining common exons.

Product datasheet

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Catalog Number: **P00133-1**



antibody and ELISA experts

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Selected Validation Data

暂无图片