



ABL1 Mouse Monoclonal Antibody

E10-20244

Background: ABL1. c-abl oncogene 1, receptor tyrosine kinase. 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. The ABL1 gene is expressed as either a 6- or 7-kb mRNA transcript, with alternatively spliced first exons spliced to the common exons 2-11.

Catalog Number: E10-20244

Amount: 100µg/100µl

Clone Number: 7B11D6

Species: Mouse IgG1

Aliases: ABL; JTK7; p150; c-ABL; v-abl

Entrez Gene: 25

Immunogen: Purified recombinant fragment of ABL1 (aa577-650) expressed in E. Coli.

Storage: Store at 4 °C for long-term storage, store at 20-25 °C for short-term storage.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB. 1/500 - 1/2000. ELISA. Propose dilution 1/10000.

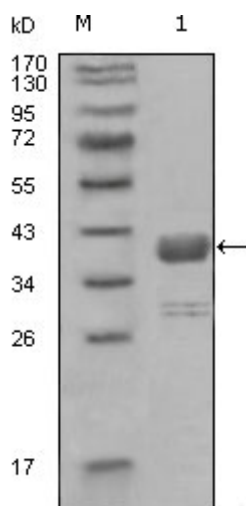


Figure 1. Western blot analysis using ABL1 mouse mAb against truncated GST-ABL1 recombinant protein (1).

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