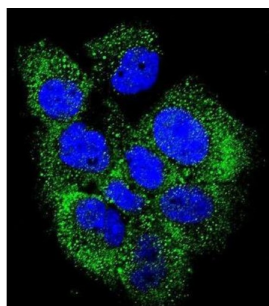
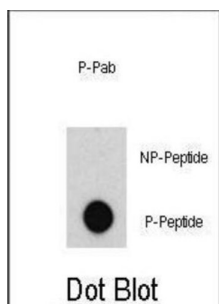


ABL (pY204) Antibody

Catalogue No.: abx032003



ABL1 is 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 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.

Target: ABL (pY204)

Clonality: Polyclonal

Target Modification: Tyr204

Modification: Phosphorylation

Reactivity: Human

Tested Applications: ELISA, IF/ICC, DB

Host: Rabbit

Recommended dilutions: IF/ICC: 1/10 - 1/50, DB: 1/500. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Datasheet

Version: 2.0.0
Revision date: 17 Oct 2025



Immunogen:	KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y204 of human ABL.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by two-step phosphospecific peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P00519 (UniProt , ExPASy)
KEGG:	hsa:25
String:	9606.ENSP00000361423
Molecular Weight:	Calculated MW: 123 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse and Zebrafish ABL1.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.