

Anti-c-Abl (Tyr-245), Phosphospecific Antibody



Product Details

Available Variants	100 µL (SKU:AP1251)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	ABL1
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	Phospho-c-Abl (Tyr-245) synthetic peptide (coupled to KLH) corresponding to amino acid residues around tyrosine 245 of human c-Abl. This peptide sequence has high homology to the conserved site in rat and mouse c-Abl, as well as in viral Abl and BCR-Abl fusion protein.
Specificity	This antibody was cross-adsorbed to phospho-tyrosine coupled to agarose then affinity purified using phospho-c-Abl (Tyr-245) peptide (without carrier). On SDS-PAGE immunoblots of K-562 treated with pervanadate, the antibody detects a 145 kDa* protein corresponding to c-Abl and a 210 kDa band corresponding to BCR-Abl. In addition, this antibody detects a 145 kDa band in Jurkat cells treated with pervanadate.
Molecular Weight	145
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

UniProt ID [P00519](#)

Country of Origin United States

Shipping Blue Ice

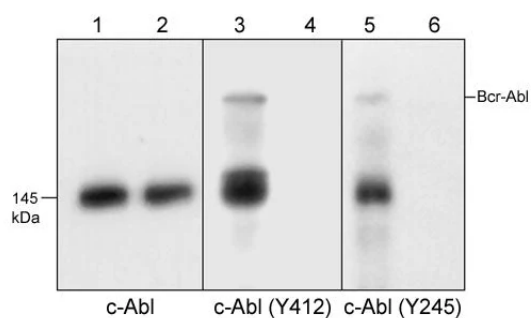
Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Post Translational Modification Type Phosphorylated

Post Translational Modification Residue Tyr-245

Product Images



Western blot analysis of K-562 cells treated with pervanadate (1 mM) for 30 minutes (lanes 1, 3, & 5). Some lanes were treated with alkaline phosphatase to remove phosphorylation on c-Abl (lanes 2, 4, & 6), then the blots were probed with anti-c-Abl (lanes 1 & 2), anti-c-Abl (Tyr-412) (AP1271; lanes 3 & 4), or anti-c-Abl (Tyr-245) (AP1251; lanes 5 & 6).

Product Page URL: www.antibodiesinc.com/products/anti-c-abl-tyr-245-phosphospecific-antibody-ap1251



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