

Monoclonal Antibody to c-Abl

Alternate names:	cAbl
Catalog No.:	DM3017
Quantity:	0.1 mg
Concentration:	0.2 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	8E9
Immunogen:	Recombinant Abl protein
Applications:	Immunofluorescence. Immunoprecipitation: Use Protein G; Ab 2µg/mg protein lysate. Western Blotting: Ab 1µg/ml for 2hrs at RT. Immunohistology: Formalin/paraffin; Use Ab 2-4µg/ml for 30min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 1mM EDTA, pH 8.0 for 10-20 min followed by cooling at RT for 20 min. Recommended positive control: HeLa Cells or Placenta. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The c-Abl proto-oncogene encodes a protein tyrosine kinase that is located in the cytoplasm and nucleus. In chronic myelogenous leukemia and in a subset of acute lymphoblastic leukemias, the c-Abl proto-oncogene undergoes a (9;22) chromosomal translocation producing a novel rearranged chromosome (The Philadelphia Chromosome) as the result of the fusion of c-Abl sequences from Chromosome 9 to the Bcr gene on Chromosome 22. c-Abl reacts with c-Abl p120 and chimeric Bcr/Abl proteins. Reacts with Human and Mouse. Others not tested. Cellular Localization: cytoplasmic, nuclear.
	Mol. Wt. of Antigen: 120kD
Storage:	Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.
	Aliquoting Instructions: Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.
General Readings:	1. Whang YE, et al. Proc Natl Acad Sci U S A 2000 May 9; 97 (10): 5486-91. 2. Sun