Mouse ABL1 Monoclonal Antibody | anti-ABL1 antibody

ABL1 antibody

CATALOG #	HOST	APPLICATIONS
AAA106566	**Mouse**	**Western Blot, ELISA**

PRODUCT SYNONYMS

ABL1; Monoclonal Antibody; ABL1 antibody; Monoclonal ABL1; Anti-ABL1; V-abl Abelson murine leukemia viral oncogene homolog 1; ABL 1; ABL-1; anti-ABL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7B11D6
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	100ul, ascites (varies by lot)
Sequence Length	115
Applicable Applications for anti-ABL1 antibody	WB (Western Blot), ELISA
Biological Significance	The ABL1 proto-oncogene 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 ABL1 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, leading to a fusion gene present in many cases of chronic myelogenous leukemia.
Cross-Reactivity	Human
Immunogen	ABL1 antibody was raised in Mouse using a purified recombinant fragment of ABL1(aa577-650) expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western Blot analysis using ABL1 antibodyWestern Blot showing ABL1 antibody used against truncated GST-ABL1 recombinant protein (1).

ADDITIONAL INFORMATION

Related Product Information for anti-ABL1 antibody	Mouse monoclonal ABL1 antibody

Product Categories/Family for anti-ABL1 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	553164
NCBI GeneID	25
UniProt Accession #	Q13691; P00519
NCBI Official Full Name	ABL1, partial
NCBI Official Synonym Full Names	ABL proto-oncogene 1, non-receptor tyrosine kinase
NCBI Official Symbol	ABL1
NCBI Official Synonym Symbols	ABL; JTK7; p150; c-ABL; v-abl; c-ABL1; bcr/abl
NCBI Protein Information	tyrosine-protein kinase ABL1
UniProt Protein Name	ABL1 protein
UniProt Gene Name	**ABL1**
UniProt Entry Name	Q13691_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/abl1-antibody-clone-7b11d6-western-blot-elisa/106566