

Mouse anti-Human, Mouse ABL2 Antibody | anti-ABL2 antibody

ABL2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108516	Mouse	Human, Mouse	ELISA, Immunofluorescence, Western Blot

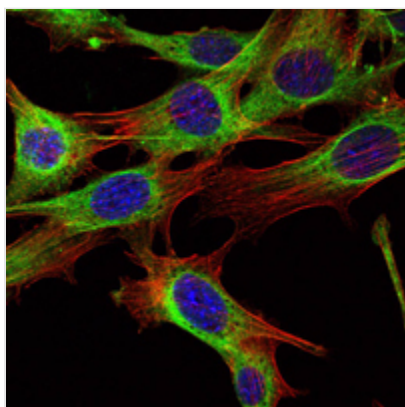
PRODUCT SYNONYMS

ABL2; ABL2 Antibody; ARG; ABLL; FLJ22224; FLJ31718; FLJ41441; anti-ABL2 antibody

PRODUCT SPECIFICATIONS

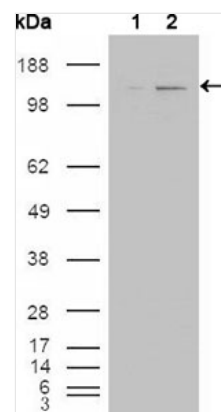
Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG1
Clone Number	1H1
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	1064
Applicable Applications for anti-ABL2 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of ABL2 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IF (Immunofluorescence)

Figure 2. Immunofluorescence analysis of NIH/3T3 cells using ABL2 mouse mAb (green). Blue, DRAQ5 fluorescent DNA dye. Red, Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



WB (Western Blot)

Figure 1. Western blot analysis using ABL2 mouse mAb against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY ABL2 cDNA (2).

ADDITIONAL INFORMATION

Related Product Information for anti-ABL2 antibody	ABL2 (ARG, Abl-related gene), together with c-Abl, forms the Abl family of mammalian non-receptor tyrosine kinases. ABL2 and c-Abl share 89%, 90 and 93% identity in their SH3, SH2 and tyrosine domain, but only 29% identity in the carboxy-terminal half. The human c-Abl and ABL2 genes are expressed ubiquitously. ABL2 had been detected predominantly in the cytoplasm, whereas c-Abl shows both cytoplasmic and nuclear localization. c-Abl is involved in two different chromosomal translocations present in human leukemias, which generate Bcr-Abl and TEL-Abl. Recently, TEL-ARG fusion transcripts have also been identified in acute myeloid leukemias (AML). The Abl family kinases may also interact with receptor tyrosine signaling pathways and regulate cellular function such as cell cycle progression, gene transcription and organization of the actin cytoskeletons in neurons.
Product Categories/Family for anti-ABL2 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862772
NCBI GeneID	27
NCBI Accession #	NP_001129472.1
NCBI GenBank Nucleotide #	NM_001136000.2
UniProt Accession #	P42684; Q5T0X6; Q5W0C5; Q6NZY6; Q7Z301; A0M8X0; B7UEF2; B7UEF3; B7UEF4; B7UEF5
Molecular Weight	128kDa
NCBI Official Full Name	tyrosine-protein kinase ABL2 isoform d
NCBI Official Synonym Full Names	ABL proto-oncogene 2, non-receptor tyrosine kinase
NCBI Official Symbol	ABL2
NCBI Official Synonym Symbols	ARG; ABLL
NCBI Protein Information	tyrosine-protein kinase ABL2; Abelson tyrosine-protein kinase 2
UniProt Protein Name	Tyrosine-protein kinase ABL2
UniProt Gene Name	ABL2
UniProt Synonym Gene Names	ABLL; ARG

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/mouse-human-mouse-antibody/abl2/108516>