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

ABL2 (Tyrosine-protein Kinase ABL2, Abelson Murine Leukemia Viral Oncogene Homolog 2, Abelson-related Gene Protein, Tyrosine Kinase ARG, ABLL, ARG) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24706	**Mouse**	**Human**	**ELISA, Western Blot**

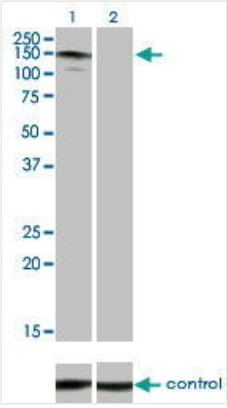
PRODUCT SYNONYMS

ABL2; Monoclonal Antibody; ABL2 (Tyrosine-protein Kinase ABL2; Abelson Murine Leukemia Viral Oncogene Homolog 2; Abelson-related Gene Protein; Tyrosine Kinase ARG; ABLL; ARG) (Biotin); anti-ABL2 antibody

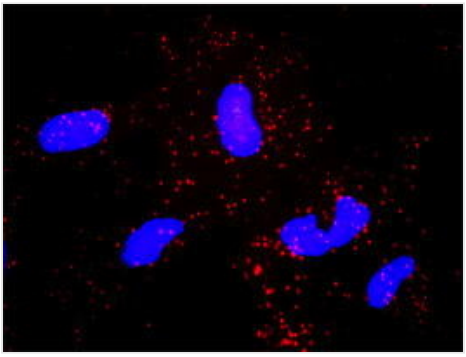
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	6D5
Specificity	Recognizes human ABL2.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Sequence Length	1167
Applicable Applications for anti-ABL2 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa743-842 from human ABL2 (AAH65912) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	KKTLGLRAGKPTASDDTSKPFPRSNSTSSMSSGLPEQDRMAMTLPRNCQRSKLQLERTVSTSSQPEENVDRANDMLPKKSEESAAPSRERPKAKLLPR
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions ca be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

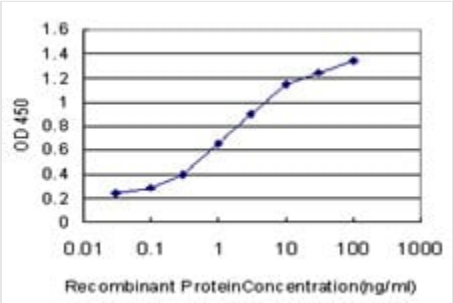
IMAGES



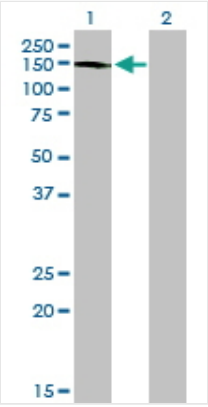
WB (Western Blot)
Western blot analysis of ABL2 over-expressed 293 cell line, cotransfected with ABL2 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with ABL2 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



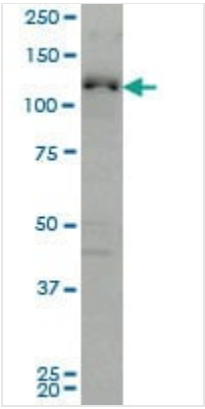
Application Data
Proximity Ligation Analysis (PLA) of protein-protein interactions between NCK1 and ABL2. HeLa cells were stained with NCK1 rabbit purified polyclonal 1:1200 and ABL2 mouse monoclonal antibody 1:50. Signals were detected 30 Detection Kit 613 (red), and nuclei were counterstained with DAPI (blue). Each red dot represents the detection of protein-protein interaction complex.



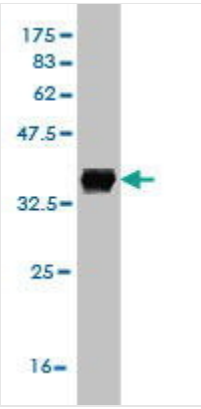
Application Data
Detection limit for recombinant GST tagged ABL2 is ~0.03ng/ml as a capture antibody.



WB (Western Blot)
Western Blot analysis of ABL2 expression in transfected 293T cell line by ABL2 monoclonal antibody. Lane 1: ABL2 transfected lysate (126.7kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
ABL2 monoclonal antibody Western Blot analysis of ABL2 expression in Hela NE.



WB (Western Blot)
Western Blot detection against Immunogen (37kD).

ADDITIONAL INFORMATION

Related Product Information for anti-ABL2 antibody	ABL2 is a cytoplasmic tyrosine kinase which is closely related to but distinct from ABL1. The similarity of the proteins includes the tyrosine kinase domains and extends amino-terminal to include the SH2 and SH3 domains. ABL2 is expressed in both normal and tumor cells.
Product Categories/Family for anti-ABL2 antibody	Antibodies; Tyrosine Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	42406387
NCBI GeneID	27
NCBI Official Full Name	ABL2 protein
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

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/abl2-antibody-clone-6d5-western-blot-elisa/24706