# 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) (AP)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA24117** | **Mouse** | **Human** | **ELISA, Western Blot** |

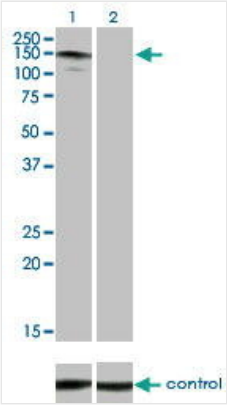
## PRODUCT SYNONYMS

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

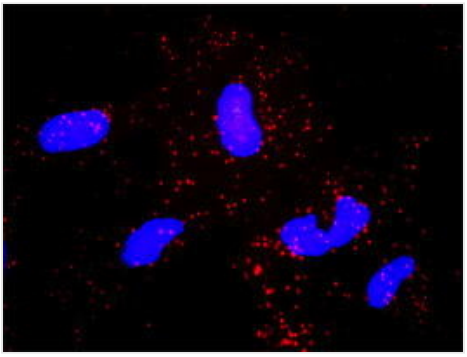
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **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 Alkaline Phosphatase (AP). |
| **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** | AP |
| **Preparation and Storage** | Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap |

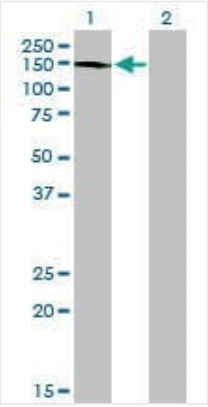
## IMAGES



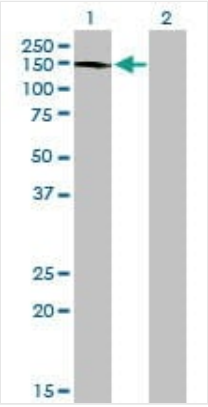

**WB (Western Blot)**
Western blot analysis of ABL2 over-expressed 293 cell line, cotransfected with ABL2 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with ABL2 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



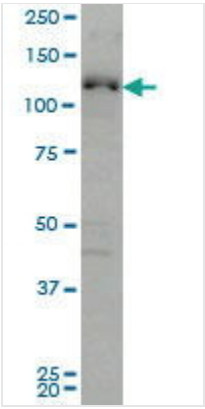
**Application Data**
Proximity Ligation Analysis (PLA) of protein-protein interactions between NCK1 and ABL2. HeLa cells were stained with NCK1 rabbit purified polyclonal 1:1200 and ABL2 mouse monoclonal antibody 1:50. Signals were detected 30 Detection Kit 613 (red), and nuclei were counterstained with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



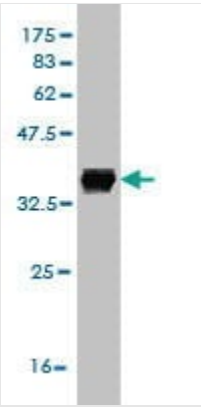

**Application Data**
Detection limit for recombinant GST tagged ABL2 is ~0.03ng/ml as a capture antibody.




**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

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|---|---|
| **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

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|---|---|
| **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/24117