Mouse ABL2 Monoclonal Antibody | anti-ABL2 antibody

ABL2 (v-abl Abelson murine Leukemia Viral OncoGene Homolog 2 (arg, Abelson-Related Gene), ABLL, ARG, FLJ22224, FLJ31718, FLJ41441) (HRP)

CATALOG #	HOST	APPLICATIONS
AAA26480	**Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

ABL2; Monoclonal Antibody; ABL2 (v-abl Abelson murine Leukemia Viral OncoGene Homolog 2 (arg; Abelson-Related Gene); ABLL; ARG; FLJ22224; FLJ31718; FLJ41441) (HRP); v-abl Abelson murine Leukemia Viral OncoGene Homolog 2 (arg; FLJ41441; anti-ABL2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG3,k
Clone Number	5C6
Specificity	Recognizes ABL2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Sequence Length	1167
Applicable Applications for anti-ABL2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	ABL2 (AAH65912, 743aa-842aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	KKTLGLRAGKPTASDDTSKPFPRSNSTSSMSSGLPEQDRMAMTLPRNCQRSKLQLERTVSTSSQPEENVDRANDMLPKKSEESAAPSRERPKAKLLPR
Conjugate	HRP
Preparation and Storage	May be stored at 4 degree C. For long-term storage, aliquot and store at 4 degree C. Do not freeze. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made in assay buffer. Note: Sodium azide a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

IHC (Immunohistchemistry)
Immunoperoxidase of monoclonal antibody to ABL2 on formalin-fixed paraffin-embedded human cerebellum. [antibody concentration 1.5 ug/ml]

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Immunoperoxidase of monoclonal antibody to ABL2 on formalin-fixed paraffin-embedded human cerebellum. [antibody concentration 1.5 ug/ml]

Application Data
Detection limit for recombinant GST tagged ABL2 is approximately 0.1ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to ABL2 on HeLa cell. [antibody concentration 10 ug/ml]

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Immunofluorescence of monoclonal antibody to ABL2 on HeLa cell. [antibody concentration 10 ug/ml]

WB (Western Blot)
ABL2 monoclonal antibody (M09), clone 5C6 Western Blot analysis of ABL2 expression in K-562 (Cat # L009V1).

ADDITIONAL INFORMATION

Related Product Information for anti-ABL2 antibody	This gene encodes a member of the Abelson family of nonreceptor tyrosine protein kinase. The protein is highly similar to the ABL1 protein, including the tyrosine kinase, SH2 and SH3 domains, and has a role in cytoskeletal rearrangements by its C-terminal F-actin- and microtubule-binding sequences. This gene is expressed in both normal and tumor cells, and is involved in translocation with the ETV6 gene in leukemia. Multiple alternatively spliced transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq]
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/abl2-antibody-clone-5c6-immunofluorescence-immunohistochemistry-western-blot-elisa/26480