

For Research Use Only

ABL2 Monoclonal antibody

Catalog Number: 65041-1-Ig



Basic Information

Catalog Number:

65041-1-Ig

Size:

150ul , Concentration: 667 µg/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

BC065912

GeneID (NCBI):

27

UNIPROT ID:

P42684

Full Name:

v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene)

Calculated MW:

1167 aa, 127 kDa

Observed MW:

128 kDa-140 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Human brain,

Background Information

ABL2 (Abelson tyrosine-protein kinase 2) is also named as ABLL, ARG and belongs to the protein kinase superfamily. It is a membrane-anchored nonreceptor tyrosine kinase that is a novel mediator of SEMA3F-induced RhoA inactivation and collapsing activity and it has a role in cytoskeletal rearrangements by its C-terminal F-actin- and microtubule-binding sequences. ABL2 can be polyubiquitinated and the polyubiquitination of ABL2 leads to degradation. This protein has 9 isoforms produced by alternative splicing with the molecular weight from 114 kDa to 128 kDa. The antibody is specific to the others except the 60 kDa isoform of ABL2.

Storage

Storage:

Store at 2-8°C.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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Selected Validation Data