

For Research Use Only

ABL2 Monoclonal antibody

Catalog Number: 65041-1-Ig



Basic Information

Catalog Number: 65041-1-Ig	GenBank Accession Number: BC065912	Purification Method: Antigen affinity purification
Size: 150ul , 667 µg/ml	GeneID (NCBI): 27	Recommended Dilutions: WB 1:500-1:2000
Source: Mouse	Full Name: v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene)	
Isotype: IgG1	Calculated MW: 1167 aa, 127 kDa	
	Observed MW: 128 kDa-140 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Human brain,
Species Specificity: human	

Background Information

ABL2 (Abelson tyrosine-protein kinase 2) is also named as ABL, 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.

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