

For Research Use Only

RB1CC1 Monoclonal antibody

Catalog Number: 68564-1-Ig



Basic Information

Catalog Number: 68564-1-Ig	GenBank Accession Number: BC017556	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9821	CloneNo.: 1G8C8
Source: Mouse	Full Name: RB1-inducible coiled-coil 1	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Calculated MW: 1594 aa, 183 kDa	
Immunogen Catalog Number: AG10508	Observed MW: 200 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:

WB : HepG2 cells, HeLa cells, A549 cells, Jurkat cells, K-562 cells, NIH/3T3 cells, HSC-T6 cells

Background Information

RB1CC1, also named as RBICC or FIP200, is implicated in the regulation of RB1 expression and functions as a DNA-binding transcription factor. It is a potent regulator of the RB1 pathway and a mediator that plays a crucial role in muscular differentiation. Its expression is, thus, a prerequisite for myogenic differentiation. Involved in autophagy. RB1CC1 is required for autophagosome formation. It is probably involved in the tumorigenesis of breast cancer. RB1CC1 is frequently mutated in breast cancer and shows characteristics of a classical tumor suppressor gene.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

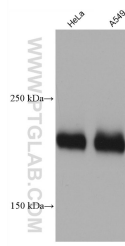
For technical support and original validation data for this product please contact:

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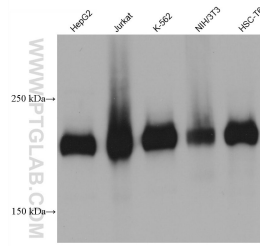
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68564-1-Ig (RB1CC1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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