

For Research Use Only

p130Cas / BCAR1 Monoclonal antibody

Catalog Number: 67215-1-Ig **2 Publications**



Basic Information

Catalog Number: 67215-1-Ig	GenBank Accession Number: BC062556	Purification Method: Protein A purification
Source: Mouse	GeneID (NCBI): 9564	CloneNo.: 2D11C10
Isotype: IgG2a	UNIPROT ID: P56945	Recommended Dilutions: WB: 1:2000-1:10000 IHC: 1:250-1:1000 IF-P: 1:200-1:800 IF/ICC: 1:200-1:800 FC (Intra): 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Immunogen Catalog Number: AG10604	Full Name: breast cancer anti-estrogen resistance 1	
	Calculated MW: 870 aa, 93 kDa	
	Observed MW: 116 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, IF-P, FC (Intra), ELISA	Positive Controls: WB : HEK-293 cells, A431 cells, HeLa cells, MCF-7 cells, T-47D cells, MDA-MB-453s cells IHC : human breast cancer tissue, human colon cancer tissue IF-P : human breast cancer tissue, IF/ICC : A549 cells, FC (Intra) : A431 cells,
Cited Applications: WB, IF	
Species Specificity: human	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Tingting Hu	35360840	Front Genet	WB
Liyang Wu	34956399	Comput Math Methods Med	IF

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

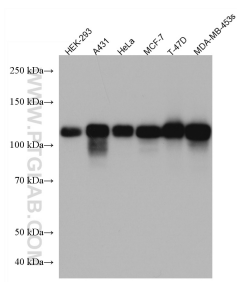
T: 4006900926

E: Proteintech-CN@ptglab.com

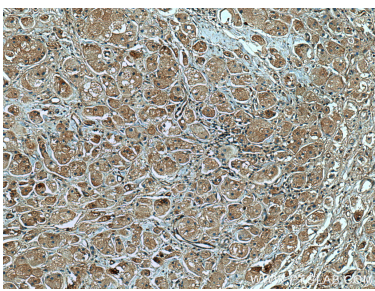
W: ptgcn.com

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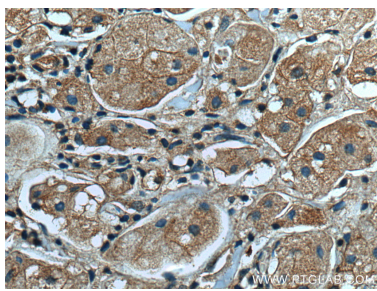
Selected Validation Data



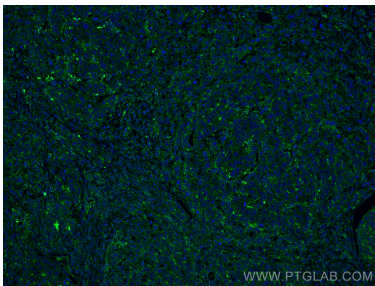
Various lysates were subjected to SDS PAGE followed by western blot with 67215-1-Ig (p130Cas / BCAR1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



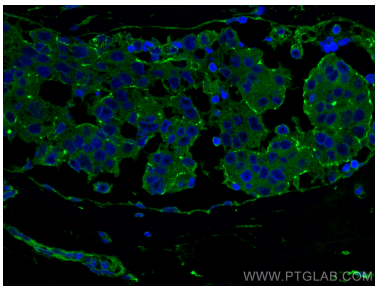
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67215-1-Ig (p130Cas / BCAR1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



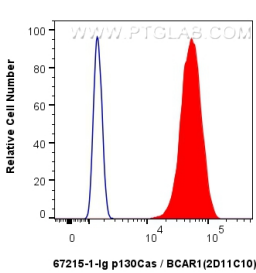
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67215-1-Ig (p130Cas / BCAR1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using p130Cas / BCAR1 antibody (67215-1-Ig, Clone: 2D11C10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using BCAR1 antibody (67215-1-Ig, Clone: 2D11C10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1x10⁶ A431 cells were intracellularly stained with 0.25 ug p130Cas / BCAR1 Monoclonal antibody (67215-1-Ig, Clone:2D11C10) and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.25 ug Mouse IgG2a isotype control Mouse McAb (66360-2-Ig, Clone: 11A1B2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using p130Cas / BCAR1 antibody (67215-1-Ig, Clone: 2D11C10) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red).