

For Research Use Only

ADC Monoclonal antibody

Catalog Number: 67884-1-Ig **1 Publications**



Basic Information

Catalog Number: 67884-1-Ig	GenBank Accession Number: BC028128	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 113451	CloneNo.: 1A2B11
Source: Mouse	UNIPROT ID: Q96A70	Recommended Dilutions: WB 1:1000-1:4000 IF/ICC 1:200-1:800
Isotype: IgG1	Full Name: arginine decarboxylase	
Immunogen Catalog Number: AG31049	Calculated MW: 460 aa, 50 kDa	
	Observed MW: 48-50 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB	WB : HEK-293T cells, HeLa cells, mouse brain tissue, mouse cerebellum tissue, rat cerebellum tissue, HEK-293 cells, pig brain tissue
Species Specificity: Human, mouse, pig, rat	IF/ICC : A431 cells,
Cited Species: human	

Background Information

Antizyme inhibitor 2 (AZIN2) is a member of the antizyme inhibitor family, which is able to bind to AZs and inhibit their action on both ODC activity and polyamine uptake. AZIN2 is predominantly expressed in the brain and testis and localized in the endoplasmic reticulum-golgi intermediate compartment. Available data suggest its role in cell growth, spermiogenesis, vesicular trafficking and secretion. Accumulation of azin2 has also been observed in brains of patients with Alzheimer's disease (PMID: 19832840). AZIN2 has 5 described isoforms produced by alternative splicing. The molecular weight of AZIN2 is about 50 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Rui Li	39413790	Cell Metab	WB

Storage

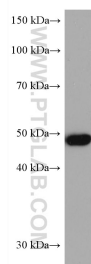
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

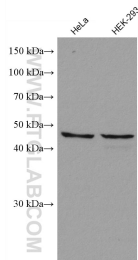
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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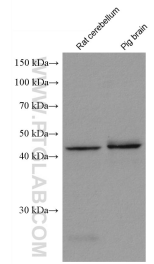
Selected Validation Data



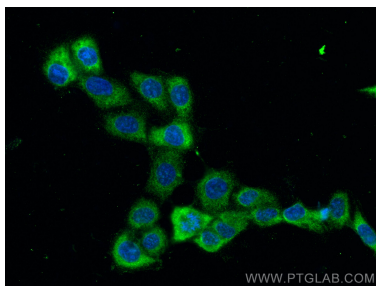
HEK-293T cells were subjected to SDS PAGE followed by western blot with 67884-1-Ig (ADC antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 67884-1-Ig (ADC antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 67884-1-Ig (ADC antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using ADC antibody (67884-1-Ig, Clone: 1A2B11) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).