

For Research Use Only

HDDC2 Monoclonal antibody, PBS Only

Catalog Number: 68391-1-PBS



Basic Information

Catalog Number: 68391-1-PBS	GenBank Accession Number: BC003357	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 51020	CloneNo.: 2E1B2
Source: Mouse	UNIPROT ID: Q7Z4H3	
Isotype: IgG2a	Full Name: HD domain containing 2	
Immunogen Catalog Number: AG33258	Calculated MW: 23 kDa	
	Observed MW: 23 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

HDDC2, also named as C6orf74, plays a role in the maintenance of pluripotency in human ES and iPS cells. HDDC2 is a nuclear - encoded but mitochondrially localized protein. It has been reported as associated with oxidative metabolism.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

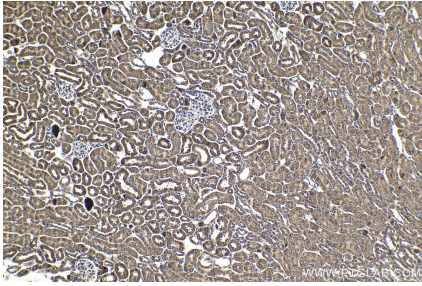
T: 4006900926

E: Proteintech-CN@ptglab.com

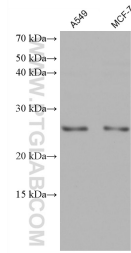
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

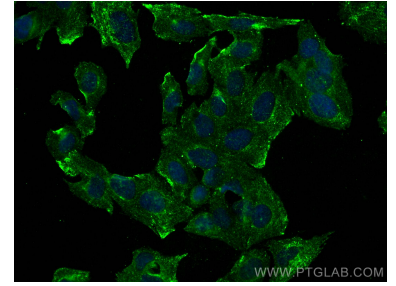
Selected Validation Data



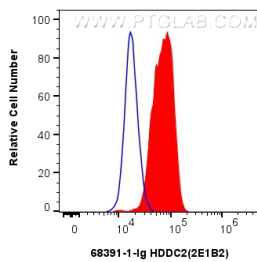
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 68391-1-Ig (HDDC2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68391-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 68391-1-Ig (HDDC2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68391-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed Saos-2 cells using HDDC2 antibody (68391-1-Ig, Clone: 2E1B2) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68391-1-PBS in a different storage buffer formulation.



1x10⁶ U2OS cells were intracellularly stained with 0.4 ug HDDC2 Monoclonal antibody (68391-1-Ig, Clone:2E1B2) and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.4 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 (PF00011-C). This data was developed using the same antibody clone with 68391-1-PBS in a different storage buffer

