

For Research Use Only

DENND2D Polyclonal antibody, PBS Only

Catalog Number:33113-1-PBS



Basic Information

Catalog Number: 33113-1-PBS	GenBank Accession Number: BC004557	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 79961	
Source: Rabbit	UNIPROT ID: Q9H6A0	
Isotype: IgG	Full Name: DENN/MADD domain containing 2D	
Immunogen Catalog Number: AG36381	Observed MW: 48-50 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

DENND2D (DENN domain-containing protein 2D) is a protein containing a DENN domain and belongs to the family of membrane transport proteins, participating in intracellular membrane transport and signal transduction processes. The DENND2D protein comprises several conserved domains, such as the uDENN, DENN, and dDENN domains, which are widely present in various signaling proteins. In cancer research, the expression and methylation status of DENND2D hold significant prognostic value. DENND2D may serve as a novel tumor biomarker for predicting cancer progression and recurrence.

Storage

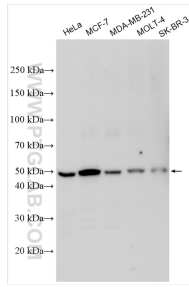
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

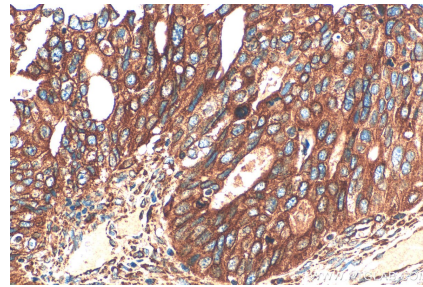
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

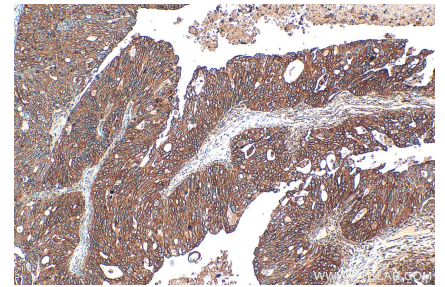
Selected Validation Data



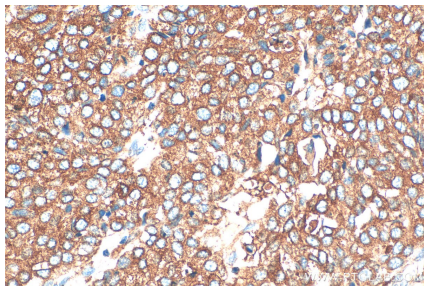
Various lysates were subjected to SDS PAGE followed by western blot with 33113-1-AP (DENND2D antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33113-1-PBS in a different storage buffer formulation.



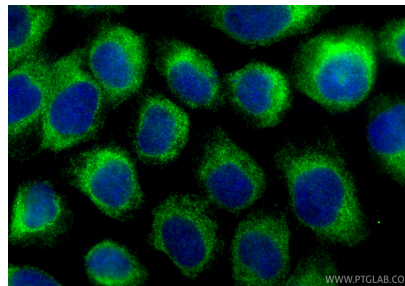
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 33113-1-AP (DENND2D antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 33113-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 33113-1-AP (DENND2D antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 33113-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 33113-1-AP (DENND2D antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 33113-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using DENND2D antibody (33113-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 33113-1-PBS in a different storage buffer formulation.