

For Research Use Only

DCBLD2 Recombinant antibody, PBS Only

Catalog Number: 85000-4-PBS



Basic Information

Catalog Number: 85000-4-PBS	GenBank Accession Number: BC029658	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 131566	CloneNo.: 242604E8
Source: Rabbit	UNIPROT ID: Q96PD2	
Isotype: IgG	Full Name: discoidin, CUB and LCCL domain containing 2	
Immunogen Catalog Number: AG32823	Calculated MW: 775 aa, 89 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications:
WB, IHC, IP, Indirect ELISA

Species Specificity:
human

Background Information

DCBLD2, also known as ESDN or CLCP1, was first identified from human coronary arterial cells by a signal sequence trap method. DCBLD2 regulates proliferation, migration, and invasion in various tumors, including glioma, hypopharyngeal squamous cell carcinoma, and myxofibrosarcoma. The human DCBLD2 protein has a predicted molecular mass of 80 kDa based on its amino acid sequence, although it regularly displays an effective molecular mass of 130 kDa via SDS-PAGE (PMID: 30902898).

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, pH7.3

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

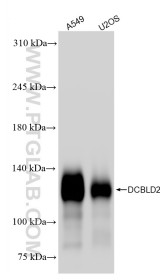
T: 4006900926

E: Proteintech-CN@ptglab.com

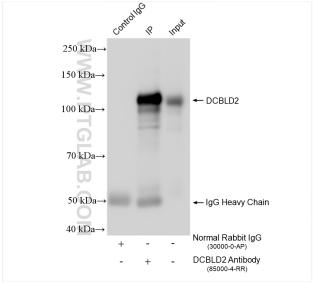
W: ptgcn.com

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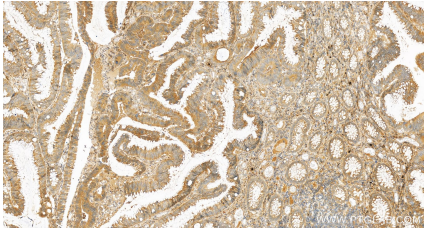
Selected Validation Data



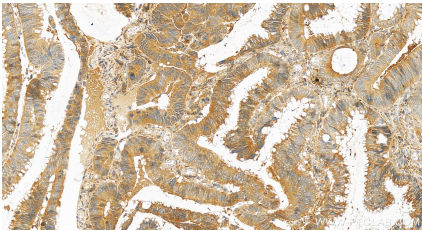
Various lysates were subjected to SDS PAGE followed by western blot with 85000-4-RR (DCBLD2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85000-4-PBS in a different storage buffer formulation.



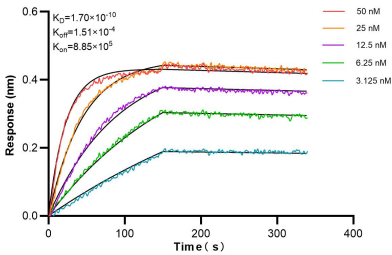
IP result of anti-DCBLD2 (IP:85000-4-RR, 4ug; Detection:85000-4-RR 1:2000) with U2OS cells lysate 1120 ug. This data was developed using the same antibody clone with 85000-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 85000-4-RR (DCBLD2 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85000-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 85000-4-RR (DCBLD2 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85000-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85000-4-RR against Human DCBLD2 were performed. The affinity constant is 0.170 nM.