

For Research Use Only

EDIL3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86715-1-PBS



Basic Information

Catalog Number: 86715-1-PBS	GenBank Accession Number: BC030828	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 10085	CloneNo.: 251179F12
Isotype: IgG	UNIPROT ID: O43854	
Immunogen Catalog Number: AG3274	Full Name: EGF-like repeats and discoidin I-like domains 3	
	Calculated MW: 52 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

EGF-like repeats and discoidin I-like domain-containing protein 3 (EDIL3), also named as DEL1 or integrin-binding protein DEL1, is a 52-kDa extracellular matrix protein produced by endothelial cells in embryos (PMID: 9420328). It is composed of three EGF repeats and two discoidin I-like domains. The second EGF repeat contains an RGD motif. EDIL3 promotes adhesion of endothelial cells through interaction with the alpha-v/beta-3 integrin receptor. It may be involved in vascular remodeling during angiogenesis (PMID: 12840057; 14981004). EDIL3 has also been reported to be an endogenous inhibitor of inflammatory cell recruitment by interfering with the integrin LFA-1-dependent leukocyte-endothelial adhesion (PMID: 19008446).

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:

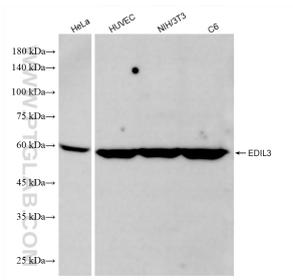
T: 4006900926

E: Proteintech-CN@ptglab.com

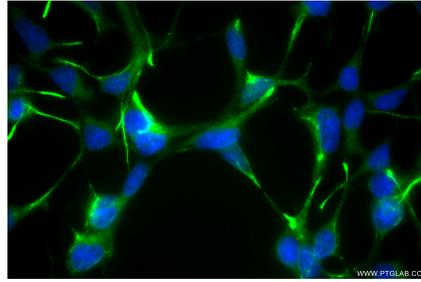
W: ptgcn.com

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

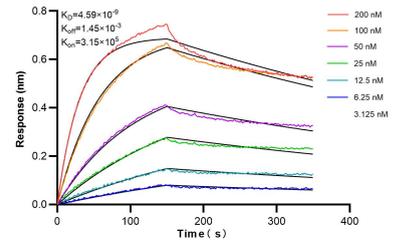
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86715-1-RR (EDIL3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86715-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using EDIL3 antibody (86715-1-RR, Clone: 251179F12) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86715-1-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 86715-1-RR against Human EDIL3 were performed. The affinity constant is 4.59 nM.