

For Research Use Only

EDIL3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86715-1-PBS



Basic Information

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|---|--|---|
| Catalog Number: 86715-1-PBS | GenBank Accession Number: BC030828 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 10085 | CloneNo.: 251179F12 |
| Source: Rabbit | UNIPROT ID: O43854 | |
| Isotype: IgG | Full Name: EGF-like repeats and discoidin I-like domains 3 | |
| Immunogen Catalog Number: AG3274 | 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.

Storage Buffer:
PBS only, pH7.3

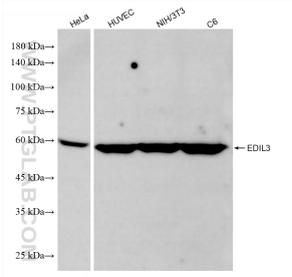
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

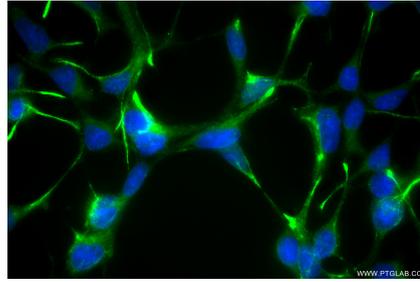
E: proteintech@ptglab.com
W: ptglab.com

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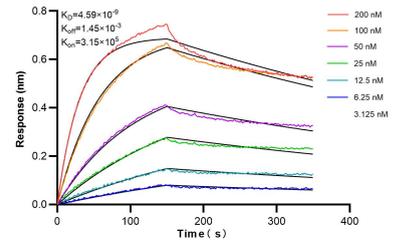
Selected Validation Data



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: 251179F 12) 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.



Biacore BLI kinetic assays of 86715-1-RR against Human EDIL3 were performed. The affinity constant is 4.59 nM.