

For Research Use Only

EDIL3 Recombinant monoclonal antibody

Catalog Number:86715-1-RR



Basic Information

Catalog Number: 86715-1-RR	GenBank Accession Number: BC030828	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10085	CloneNo.: 251179F12
Source: Rabbit	UNIPROT ID: O43854	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:200-1:800
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, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HeLa cells, HUVEC cells, NIH/3T3 cells, C6 cells IF/ICC : HEK-293 cells,

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

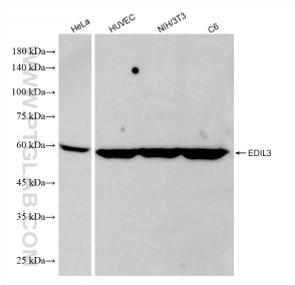
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

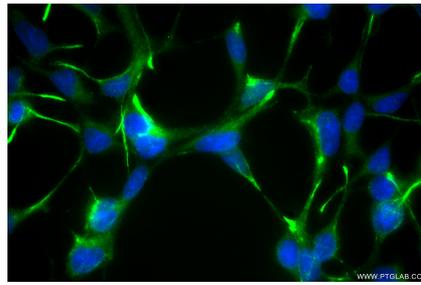
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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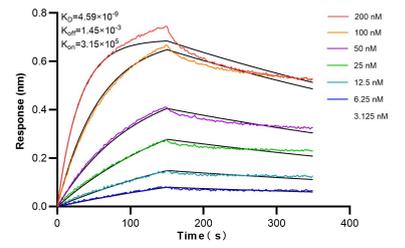
Selected Validation Data



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.



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).



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