

For Research Use Only

PD-ECGF Recombinant monoclonal antibody, PBS Only

Catalog Number:86618-3-PBS



Basic Information

Catalog Number: 86618-3-PBS	GenBank Accession Number: BC018160	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 1890	CloneNo.: 251581B2
Source: Rabbit	UNIPROT ID: P19971	
Isotype: IgG	Full Name: thymidine phosphorylase	
Immunogen Catalog Number: AG3052	Calculated MW: 482 aa, 50 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

Platelet derived endothelial cell growth factor (PD-ECGF), also known as thymidine phosphorylase (TP), induces migration and angiogenesis in endothelial and tumor cells, and was upregulated in various malignancies compared to that in normal tissues. Interestingly, PD-ECGF has dual effect on tumor development and chemotherapy. It could stimulate cancer cell migration and proliferation. On the other hand, some chemotherapeutic agents (5-fluorouracil, capecitabine, etc.) were converted to their active forms through TP enzymes.

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:

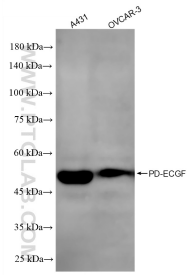
T: 4006900926

E: Proteintech-CN@ptglab.com

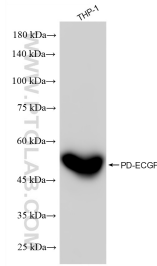
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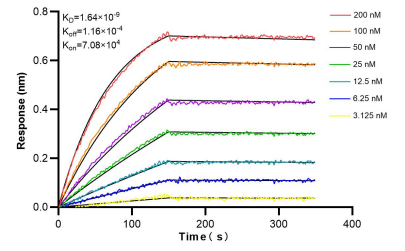
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86618-3-RR (PD-ECGF antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86618-3-PBS in a different storage buffer formulation.



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Biacore kinetic assays of 86618-3-RR against Human PD-ECGF were performed. The affinity constant is 1.64 nM.