

For Research Use Only

AGGF1 Recombinant antibody

Catalog Number: 84715-4-RR



Basic Information

Catalog Number: 84715-4-RR	GenBank Accession Number: BC029382	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 55109	CloneNo.: 242264F4
Source: Rabbit	UNIPROT ID: Q8N302	Recommended Dilutions: IF/ICC 1:125-1:500
Isotype: IgG	Full Name: angiogenic factor with G patch and FHA domains 1	
Immunogen Catalog Number: AG2497	Calculated MW: 714 aa, 81 kDa	

Applications

Tested Applications: IF/ICC, ELISA	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human	

Background Information

The angiogenic factor gene, AGGF1 (or VG5Q), is identified as a candidate susceptibility gene for Klippel-Trenaunay syndrome (KTS) which is a severe congenital disorder characterized by capillary malformations, venous malformations or varicose veins, and hypertrophy of the affected tissues. AGGF1 protein can bind to endothelial cells and promote cell proliferation. AGGF1 shows strong expression in blood vessels and is secreted as vessel formation is initiated. Regulation of AGGF1 by GATA1 may play roles in endothelial cell biology and angiogenesis.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

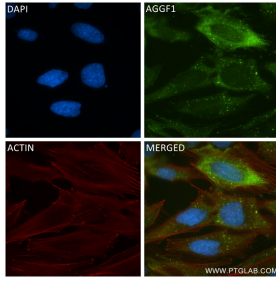
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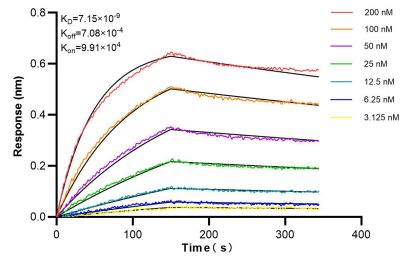
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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using AGGF1 antibody (84715-4-RR, Clone: 242264F4) at dilution of 1:250 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 84715-4-RR against Human AGGF1 were performed. The affinity constant is 7.15 nM.