

For Research Use Only

GDF5 Recombinant antibody

Catalog Number: 83988-4-RR



Basic Information

Catalog Number: 83988-4-RR	GenBank Accession Number: BC032495	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8200	CloneNo.: 240944E5
Source: Rabbit	UNIPROT ID: P43026	Recommended Dilutions: IF/ICC 1:125-1:500
Isotype: IgG	Full Name: growth differentiation factor 5	
Immunogen Catalog Number: AG6238	Calculated MW: 55 kDa	

Applications

Tested Applications: IF/ICC, ELISA	Positive Controls: IF/ICC : RAW 264.7 cells,
Species Specificity: human, mouse	

Background Information

Growth and Differentiation Factor 5 (GDF5) plays important roles during joint formation. It is one of the earliest genes expressed in the embryonic joint interzone7-10, fated to give rise to joint tissues including articular cartilage, synovium, menisci, and ligaments.

Storage

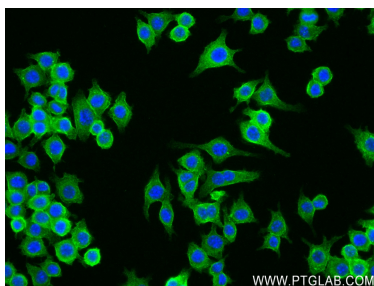
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

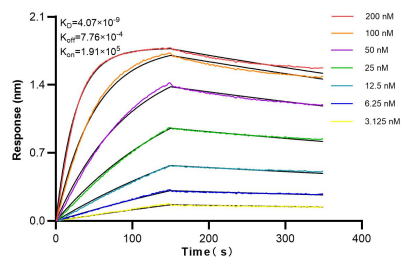
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed RAW 264.7 cells using GDF5 antibody (83988-4-RR, Clone: 240944E5) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 83988-4-RR against Human GDF5 were performed. The affinity constant is 4.07 nM.