

For Research Use Only

GDF5 Recombinant antibody

Catalog Number:83988-4-RR



Basic Information

Catalog Number:

83988-4-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6238

GenBank Accession Number:

BC032495

GeneID (NCBI):

8200

UNIPROT ID:

P43026

Full Name:

growth differentiation factor 5

Calculated MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

240944E5

Recommended Dilutions:

IF/ICC 1:125-1:500

Applications

Tested Applications:

IF/ICC, ELISA

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : RAW 264.7 cells,

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

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

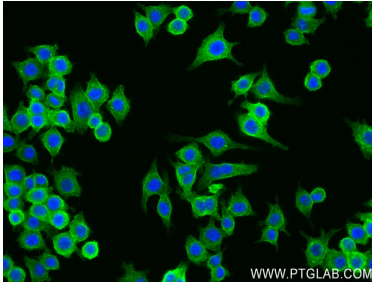
T: 4006900926

E: Proteintech-CN@ptglab.com

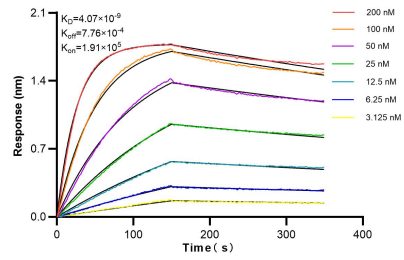
W: ptgcn.com

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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.