

For Research Use Only

FGR Recombinant antibody

Catalog Number:83352-1-RR



Basic Information

Catalog Number:

83352-1-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34944

GenBank Accession Number:

NM_005248

GeneID (NCBI):

2268

UNIPROT ID:

P09769

Full Name:

Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog

Calculated MW:

59 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

240275E5

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:125-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : Daudi cells, Raji cells

IF/ICC : Raji cells,

Background Information

FGR (Tyrosine-protein kinase Fgr) is a member of the Src family of protein tyrosine kinases (PTKs). It's contains N-terminal sites for myristylation and palmitoylation, a PTK domain, and SH2 and SH3 domains which are involved in mediating protein-protein interactions with phosphotyrosine-containing and proline-rich motifs, respectively.

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:

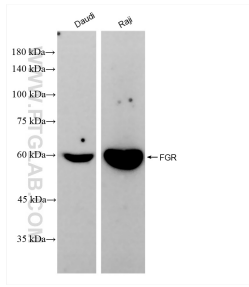
T: 4006900926

E: Proteintech-CN@ptglab.com

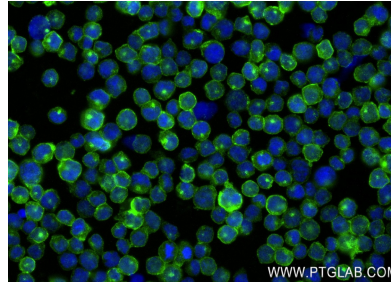
W: ptgcn.com

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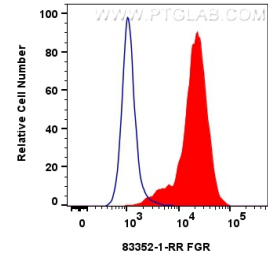
Selected Validation Data



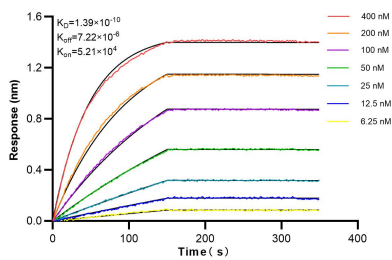
Various lysates were subjected to SDS PAGE followed by western blot with 83352-1-RR (FGR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Raji cells using FGR antibody (83352-1-RR, Clone: 240275E5) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1×10^6 Raji cells were intracellularly stained with 0.25 ug FGR Recombinant antibody (83352-1-RR, Clone:240275E5) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Bi-layer interferometry (BLI) kinetic assays of 83352-1-RR against Human FGR were performed. The affinity constant is 0.139 nM.