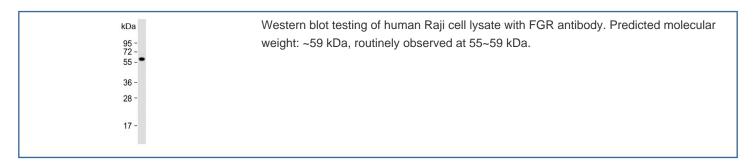


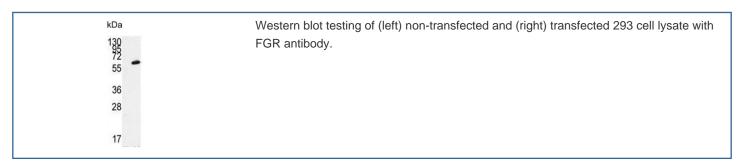
# FGR Antibody / c-FGR proto oncogene (F54446)

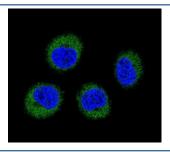
| Catalog No.   | Formulation                                | Size    |
|---------------|--|---------|
| F54446-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F54446-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

## **Bulk quote request**

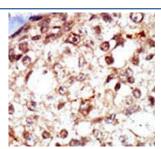
| Availability       | 1-3 business days  |
|--------------------|--|
| Species Reactivity | Human  |
| Format             | Purified   |
| Clonality          | Polyclonal (rabbit origin)   |
| Isotype            | Rabbit Ig  |
| Purity             | SAS precipitation  |
| UniProt            | P09769   |
| Localization       | Cytoplasmic  |
| Applications       | Immunofluorescence : 1:25 Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000 |
| Limitations        | This FGR antibody is available for research use only.                                    |







Immunofluorescent staining of human MDA-MB-231 cells with FGR antibody (green) and DAPI nuclear stain (blue).



IHC testing of FFPE human breast cancer tissue with FGR antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

### **Description**

FGR is a member of the Src family of protein tyrosine kinases (PTKs). This protein contains N-terminal sites for myristylation and palmitylation, a PTK domain, and SH2 and SH3 domains which are involved in mediating protein-protein interactions with phosphotyrosine-containing and proline-rich motifs, respectively. It localizes to plasma membrane ruffles, and functions as a negative regulator of cell migration and adhesion triggered by the beta-2 integrin signal transduction pathway. Infection with Epstein-Barr virus results in the overexpression of this protein.

## **Application Notes**

The stated application concentrations are suggested starting points. Titration of the FGR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

### Immunogen

A portion of amino acids 3-33 from the human protein was used as the immunogen for the FGR antibody.

#### **Storage**

Aliquot the FGR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.