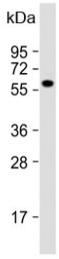
FGR Antibody / c-FGR proto oncogene (F54446)

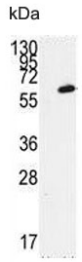
Catalog No.	Formulation	Size
F54446-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54446-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

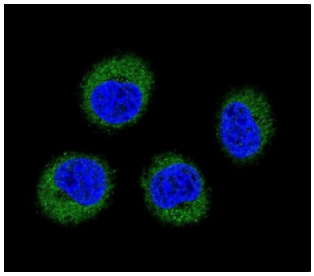
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	SAS precipitation
UniProt	P09769
Localization	Cytoplasmic
Applications	Immunofluorescence: 1:25 Immunohistochemistry (FFPE): 1:25 Western blot: 1:500-1:2000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



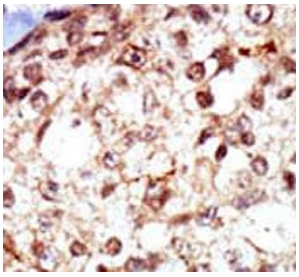
Western blot testing of human Raji cell lysate with FGR antibody. Predicted molecular weight: ~59 kDa, routinely observed at 55~59 kDa.



Western blot testing of (left) non-transfected and (right) transfected 293 cell lysate with FGR antibody.



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.

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