
Product Name: FGR Mouse Monoclonal Antibody**Catalog #: AMM80714**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	56kDa

Antigen Information

Gene Name	FGR
Alternative Names	SRC2; c-fgr; c-src2; p55c-fgr; p58c-fgr
Gene ID	2268.0
SwissProt ID	P09769
Immunogen	Purified recombinant fragment of human FGR expressed in E. Coli.

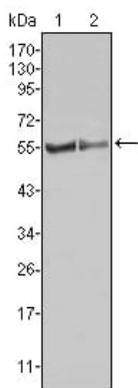
Background

FGR: Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog, also known as SRC2; c-fgr; c-src2; FLJ43153; MGC75096; p55c-fgr; p58c-fgr. It is a member of the Src family of protein tyrosine kinases (PTKs). The encoded protein contains N-terminal sites for myristylation and palmitoylation, a PTK domain, and SH2 and SH3 domains which are involved in mediating protein-

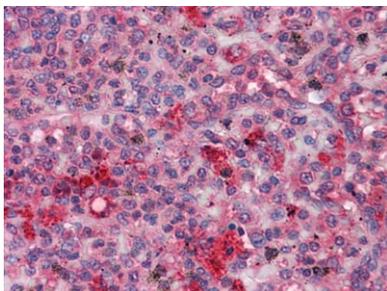
protein interactions with phosphotyrosine-containing and proline-rich motifs, respectively. The protein localizes to plasma membrane ruffles, and functions as a negative regulator of cell migration and adhesion triggered by the beta-2 integrin signal transduction pathway. Infection with Epstein-Barr virus results in the overexpression of this gene. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Research Area

Image Data



Western blot analysis using FGR mouse mAb against HL60 (1) Raw264.7 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human Spleen tissues using FGR mouse mAb