

Product datasheet for **AM06312SU-N**

FGR Mouse Monoclonal Antibody [Clone ID: 6G2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6G2
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000. Immunohistochemistry on Paraffin Sections: 1/200 - 1/1000.
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human FGR expressed in E. Coli.
Specificity:	Recognizes FGR (Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog).
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	FGR proto-oncogene, Src family tyrosine kinase
Database Link:	Entrez Gene 2268 Human P09769



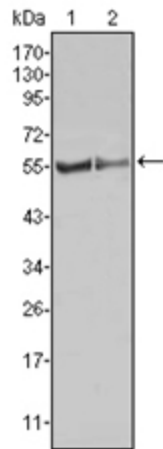
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Background:

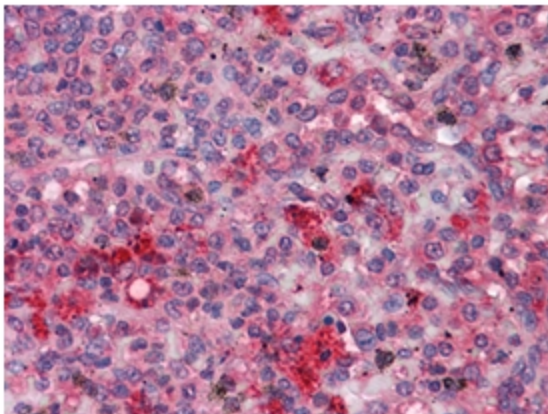
FGR: Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog, also known as SRC2; c-fgr; c-src2; FLJ43153; MGC75096; p55c-fgr; p58c-fgr. It is a member of the Src family of protein tyrosine kinases (PTKs). The encoded protein contains N-terminal sites for myristylation and palmitylation, a PTK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

Synonyms:

C-FGR, P55-FGR, Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog

Product images:


Western blot analysis using FGR antibody Cat.-No AM06312SU-N against HL60 (Lane 1) Raw264.7 (Lane 2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human Spleen tissues using FGR antibody Cat.-No AM06312SU-N