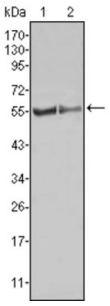
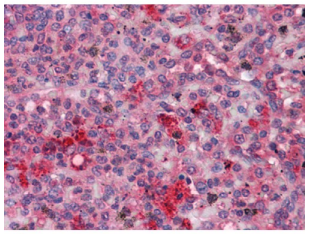
# Tyrosine-Protein Kinase Fgr (FGR) Antibody

Catalogue No.:abx010780




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



Immunohistochemical analysis of paraffin-embedded human Spleen tissues using FGR antibody.



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.

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| **Target:** | Tyrosine-Protein Kinase Fgr (FGR) |
| **Clonality:** | Monoclonal |
| **Reactivity:** | Human, Mouse |
| **Tested Applications:** | ELISA, WB, IHC |
| **Host:** | Mouse |
| **Recommended dilutions:** | ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user. |
| **Conjugation:** | Unconjugated |
| **Immunogen:** | Purified recombinant fragment of human FGR expressed in E. coli. |


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|---|---|
| **Isotype:** | $IgG_1$ |
| **Form:** | Liquid |
| **Purification:** | Unpurified ascites. |
| **Storage:** | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| **UniProt Primary AC:** | P09769 (UniProt, ExPASy) |
| **GeneID:** | 2268 |
| **KEGG:** | hsa:2268 |
| **String:** | 9606.ENSP00000363117 |
| **Enzyme Commission Number:** | EC 2.7.10.2 |
| **Molecular Weight:** | 56 kDa |
| **Buffer:** | Ascitic fluid containing 0.03% sodium azide. |
| **Concentration:** | Not determined. |
| **Note:** | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |




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