FGR Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	FGR, Monoclonal Antibody
Full Product Name	FGR (Gardner-Rasheed feline Sarcoma Viral (v-fgr) Oncogene Homolog, FLJ43153, MGC75096, SRC2, c-fgr, c-src2, p55c-fgr, p58c-fgr) (MaxLight 405)
Product Gene Name	anti-FGR antibody
Product Synonym Names	Gardner-Rasheed feline Sarcoma Viral (v-fgr) Oncogene Homolog; FLJ43153; MGC75096; SRC2; c-fgr; c-src2; p55c-fgr; p58c-fgr
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3F2
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified
Specificity	Recognizes FGR.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	FGR (AAH64382, 1aa-90aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MGCVFCKKLEPVATAKEDAGLEGDFRSYGAADHYGPDPTKARPASSFAHIPNYSNFSSQAINPGFLDSGTIRGVSGIGVTLFIALYDYEA
Conjugate	MaxLight405
Product Categories/Family for anti-FGR antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-FGR antibody	Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-FGR antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-FGR antibody	This gene 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. [provided by RefSeq]
Other Notes	Small volumes of anti-FGR antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FGR purchase	MBS6195509 is an antibody targeting FGR. Also known as FGR (Gardner-Rasheed feline Sarcoma Viral (v-fgr) Oncogene Homolog, FLJ43153, MGC75096, SRC2, c-fgr, c-src2, p55c-fgr, p58c-fgr) (MaxLight 405). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FGR. It may not necessarily be applicable to this product.

NCBI GI #	39963676
NCBI GeneID	2268
NCBI Accession #	AAH64382
UniProt Related Accession #	P09769
NCBI Official Full Name	Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog
NCBI Official Synonym Full Names	FGR proto-oncogene, Src family tyrosine kinase
NCBI Official Symbol	FGR
NCBI Official Synonym Symbols	SRC2; c-fgr; c-src2; p55-Fgr; p58-Fgr; p55c-fgr; p58c-fgr
Protein Family	Tyrosine-protein kinase
NCBI Protein Information	tyrosine-protein kinase Fgr
Research Articles on FGR	**1.** These studies show that Hck and Fgr expression influences inhibitor sensitivity and the pathway to acquired resistance in Flt3-ITD+ AML.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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