Mouse FGR Monoclonal Antibody | anti-FGR antibody

FGR (Gardner-Rasheed feline Sarcoma Viral (v-fgr) Oncogene homolog, FLJ43153, MGC75096, SRC2, c-fgr, c-src2, p55c-fgr, p58c-fgr) (PE)

CATALOG #	HOST	APPLICATIONS
AAA26557	**Mouse**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

FGR; Monoclonal Antibody; FGR (Gardner-Rasheed feline Sarcoma Viral (v-fgr) Oncogene homolog; FLJ43153; MGC75096; SRC2; c-fgr; c-src2; p55c-fgr; p58c-fgr) (PE); Gardner-Rasheed feline Sarcoma Viral (v-fgr) Oncogene homolog; p58c-fgr; anti-FGR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3G10
Specificity	Recognizes FGR.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Sequence Length	529
Applicable Applications for anti-FGR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	FGR (AAH64382, 1aa-90aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MGCVFCKKLEPVATAKEDAGLEGDFRSYGAADHYGPDPTKARPASSFAHIPNYSNFSSQAINPGFLDSGTIRGVSGIGVTLFIALYDYEA
Conjugate	PE
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: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES

WB (Western Blot)
FGR monoclonal antibody (M01), clone 3G10. Western Blot analysis of FGR expression in Raw 264.7 (Cat # L024V1).

WB (Western Blot)
FGR monoclonal antibody (M01), clone 3G10. Western Blot analysis of FGR expression in PC-12 (Cat # L012V1).

Application Data
Detection limit for recombinant GST tagged FGR is approximately 0.3ng/ml as a capture antibody.

WB (Western Blot)
FGR monoclonal antibody (M01), clone 3G10 Western Blot analysis of FGR expression in HeLa (Cat # L013V1).

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to FGR on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 3 ug/ml]

Application Data
Immunoperoxidase of monoclonal antibody to FGR on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 3 ug/ml]

ADDITIONAL INFORMATION

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]
Product Categories/Family for anti-FGR antibody	Antibodies; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	39963676
NCBI GeneID	2268
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
NCBI Protein Information	tyrosine-protein kinase Fgr

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/fgr-antibody-clone-3g10-immunohistochemistry-western-blot-elisa/26557