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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FGR monoclonal antibody (M03), clone 1B12

Catalog # : H00002268-M03

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant FGR.

Immunogen: FGR (AAH64382, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

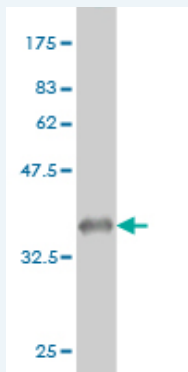
Sequence: MGCVFCKKLEPVATAKEDAGLEGDFRSYGAADHYGPDPTKARPASSFAHIPNYSNFSSQAINPGFLDSGTIRGVSGIGVTLFIALYDYEA

Host: Mouse

Reactivity: Human, Mouse, Rat

Isotype: IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (35.53 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

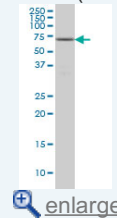
Datasheet: [Download](#)

Applications

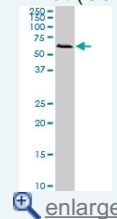
Western Blot (Cell lysate)

Application Image

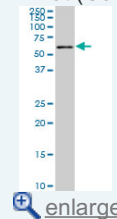
Western Blot (Cell lysate)



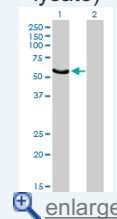
Western Blot (Cell lysate)



Western Blot (Cell lysate)

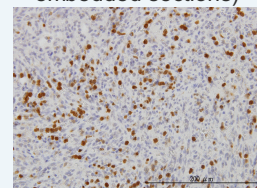


Western Blot (Transfected lysate)

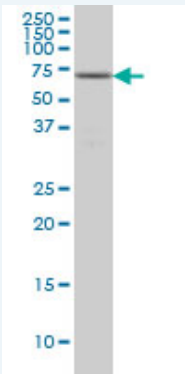


Western Blot (Recombinant protein)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



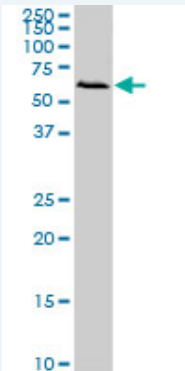
Sandwich ELISA (Recombinant protein)



FGR monoclonal antibody (M03), clone 1B12 Western Blot analysis of FGR expression in HeLa (Cat # L013V1).

[Protocol Download](#)

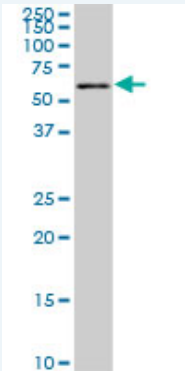
Western Blot (Cell lysate)



FGR monoclonal antibody (M03), clone 1B12. Western Blot analysis of FGR expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

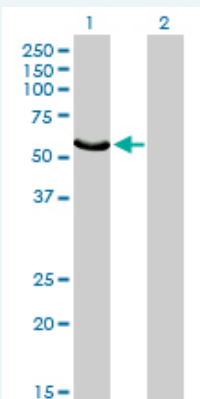
Western Blot (Cell lysate)



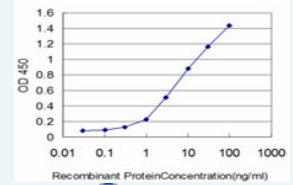
FGR monoclonal antibody (M03), clone 1B12. Western Blot analysis of FGR expression in Raw 264.7 (Cat # L024V1).

[Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of FGR expression in transfected 293T cell line by FGR monoclonal antibody (M03), clone 1B12.



[enlarge](#)

ELISA

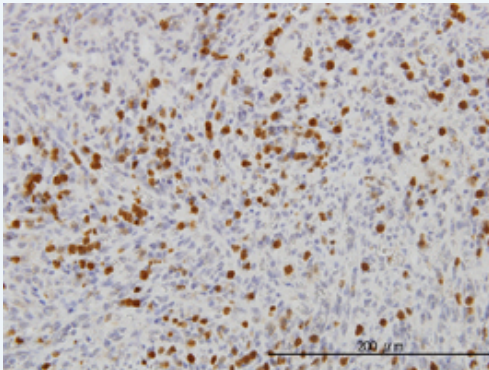
Lane 1: FGR transfected lysate(59.5 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

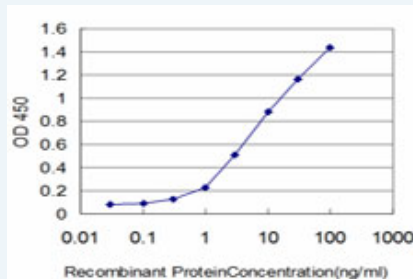


 [enlarge this image](#)


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

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)



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

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [2268](#)

GeneBank [BC064382](#)

Accession#:

Protein [AAH64382](#)

Accession#:

Gene Name: FGR

Gene Alias: FLJ43153,MGC75096, SRC2,c-fgr,c-src2,p55c-fgr,p58c-fgr

Gene Description: Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog

Description:

Omim ID: [164940](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene 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. [provided by RefSeq

Other Designations: OTTHUMP00000003601,OTTHUMP00000003602,OTTHUMP00000003603,c-fgr protooncogene,c-src-2 proto-oncogene,p55-c-fgr protein,proto-oncogene tyrosine-protein kinase FGR

Gene Pathway

[Chemokine signaling pathway](#)

Related Disease

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