

c-Fgr Mouse mAb

CatalogNo: YM0151

| Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 59kD (Calculated)

| Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:200-1:1000

ELISA 1:10000

IF 1:50-200

| Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Monoclonal

| Immunogen Information

Immunogen

Purified recombinant fragment of human c-Fgr expressed in E. Coli.

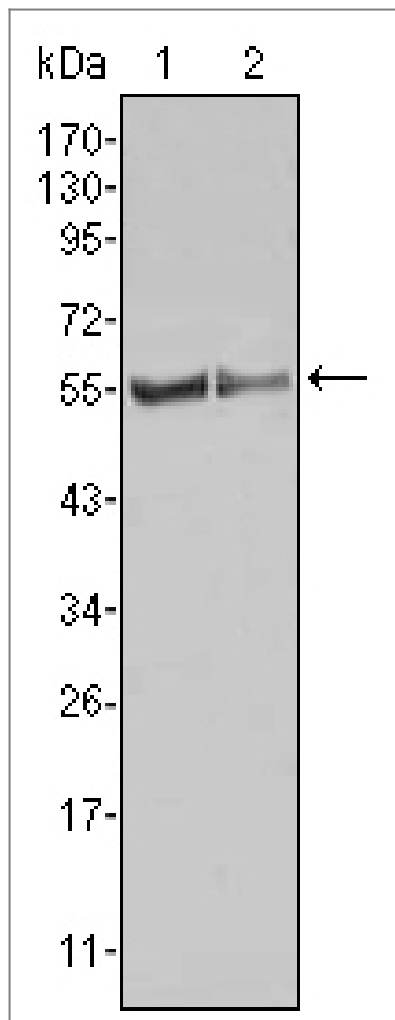
Specificity

c-Fgr Monoclonal Antibody detects endogenous levels of c-Fgr protein.

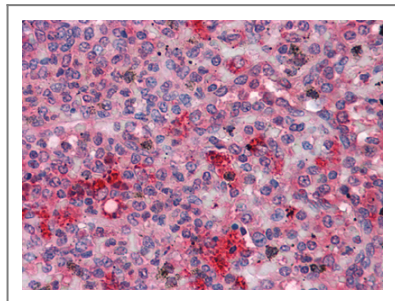
| Target Information

Gene name	FGR SRC2		
Protein Name	Tyrosine-protein kinase Fgr		
	Organism	Gene ID	UniProt ID
	Human	2268 ;	P09769 ;
	Mouse	14191 ;	P14234 ;
Cellular Localization	Cell membrane ; Lipid-anchor ; Cytoplasmic side . Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection, ruffle membrane. Cytoplasm, cytosol. Cytoplasm, cytoskeleton. Mitochondrion inner membrane . Mitochondrion intermembrane space . Detected in mitochondrial intermembrane space and at inner membranes (By similarity). Colocalizes with actin fibers at membrane ruffles. Detected at plasma membrane lipid rafts. .		
Tissue specificity	Detected in neutrophils, monocytes and natural killer cells (at protein level). Detected in monocytes and large lymphocytes.		
Function	Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SH3 domain.,subunit:Binds PTPNS1.,		

| Validation Data



Western Blot analysis using c-Fgr Monoclonal Antibody against HL60 (1) Raw264.7 (2) cell lysate.



Immunohistochemistry analysis of paraffin-embedded human Spleen tissues with AEC staining using c-Fgr Monoclonal Antibody.

Contact information

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c-Fgr Mouse mAb