

Fes Mouse mAb

CatalogNo: YM0263

| Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- WB,IHC,IF,ELISA

MW

- 93kD (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 Fer expressed in E. Coli.

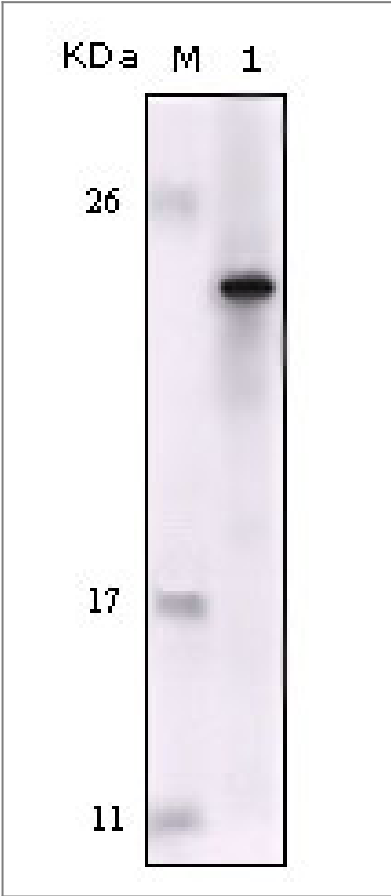
Specificity

Fes Monoclonal Antibody detects endogenous levels of Fes protein.

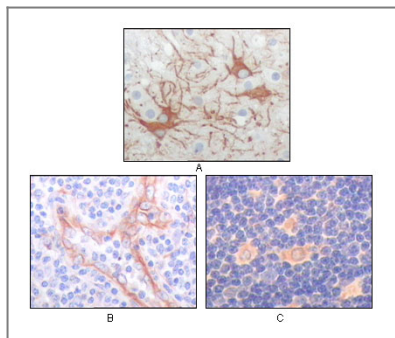
| Target Information

Gene name	FES FPS		
Protein Name	Tyrosine-protein kinase Fes/Fps		
	Organism	Gene ID	UniProt ID
	Human	2242;	P07332;
Cellular Localization	Cytoplasm, cytosol. Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasmic vesicle. Golgi apparatus. Cell junction, focal adhesion. Distributed throughout the cytosol when the kinase is not activated. Association with microtubules requires activation of the kinase activity. Shuttles between focal adhesions and cell-cell contacts in epithelial cells. Recruited to the lateral cell membrane in polarized epithelial cells by interaction with phosphorylated EZR. Detected at tubular membrane structures in the cytoplasm and at the cell periphery.		
Tissue specificity	Widely expressed. Detected in adult colon epithelium (at protein level) (PubMed:16455651, PubMed:19051325). Expressed in melanocytes (at protein level) (PubMed:28463229).		
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.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Fes/fps subfamily.,similarity:Contains 1 FCH domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,		

Validation Data



Western Blot analysis using Fes Monoclonal Antibody against truncated Fes recombinant protein.



Immunohistochemistry analysis of paraffin-embedded human cerebrum tumor (A), endothelium of vessel (B), lymphocyte of thymus(C), showing cytoplasmic localization with DAB staining using Fes Monoclonal Antibody.

Contact information

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Fes Mouse mAb

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