

Mouse anti-Human FES Monoclonal Antibody | anti-FES antibody

FES Antibody

CATALOG # AAA283418	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

FES; Monoclonal Antibody; FES Antibody; Tyrosine-protein kinase Fes/Fps; Feline sarcoma/Fujinami avian sarcoma oncogene homolog; Proto-oncogene c-Fes; Proto-oncogene c-Fps; p93c-fes; FPS; anti-FES antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1467CT528.22.17
Specificity	This FES antibody is generated from a mouse immunized with a recombinant protein.
Purity/Purification	Purified Mouse Monoclonal Antibody (Mab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	764
Applicable Applications for anti-FES antibody	ELISA, WB (Western Blot)
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-FES Antibody at 1:1000 dilution + U87-MG whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 93 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

All lanes : Anti-FES Antibody at 1:2000 dilutionLane 1: U-251MG whole cell lysatesLane 2: A549 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 93 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-FES antibody	Tyrosine-protein kinase that acts downstream of cell surface receptors and plays a role in the regulation of the actin cytoskeleton, microtubule assembly, cell attachment and cell spreading. Plays a role in FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. Acts down- stream of the activated FCER1 receptor and the mast/stem cell growth factor receptor KIT. Plays a role in the regulation of mast cell degranulation. Plays a role in the regulation of cell differentiation and promotes neurite outgrowth in response to NGF signaling. Plays a role in cell scattering and cell migration in response to HGF-induced activation of EZR. Phosphorylates BCR and down-regulates BCR kinase activity. Phosphorylates HCLS1/HS1, PECAM1, STAT3 and TRIM28.
References	Alcalay M.,et al.Oncogene 5:267-275(1990). Roebroek A.J.M.,et al.EMBO J. 4:2897-2903(1985). Lefebvre J.-C.,et al.Submitted (DEC-2003) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Zody M.C.,et al.Nature 440:671-675(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	219842230
NCBI GeneID	2242
NCBI Accession #	NP_001137255.1
NCBI GenBank Nucleotide #	NM_001143783.1
UniProt Accession #	P07332; Q2VXS7; Q2VXS8; Q2VXT0; Q6GTU5; B2R6E6; B4DUD0; E9PC94; E9PC95
Molecular Weight	93497
NCBI Official Full Name	tyrosine-protein kinase Fes/Fps isoform 2
NCBI Official Synonym Full Names	FES proto-oncogene, tyrosine kinase
NCBI Official Symbol	FES
NCBI Official Synonym Symbols	FPS
NCBI Protein Information	tyrosine-protein kinase Fes/Fps
UniProt Protein Name	Tyrosine-protein kinase Fes/Fps
UniProt Gene Name	FES
UniProt Synonym Gene Names	FPS
UniProt Entry Name	FES_HUMAN

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/fes-antibody-clone-1467ct528-22-17-western-blot-elisa/283418>