

Mouse anti-Human FES Antibody | anti-FES antibody

FES Antibody

CATALOG # AAA108856	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

FES; FES Antibody; FPS; anti-FES antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	2E3G3; 2G9G1
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	764
Applicable Applications for anti-FES antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of FES expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded human cerebrum tumor (A), endothelium of vessel (B), lymphocyte of thymus(C), showing cytoplasmic localization using FES mouse mAb with DAB staining.



WB (Western Blot)

Figure 1. Western blot analysis using FES mouse mAb against truncated FES recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-FES antibody	FES (feline sarcoma oncogene) and Fer are the only two members of a unique family of cytoplasmic protein tyrosine kinases. FES and Fer contain a central Src homology-2 (SH2) domain and a carboxy-terminal tyrosine kinase catalytic domain. They are structurally distinguished from other members of cytoplasmic protein tyrosine kinase subfamilies by the presence of amino-terminal Fer/CIP4 homology and coiled-coil domains. FES was originally identified as an oncogene from avian and feline retroviruses. Human c-Fes has been implicated in myeloid, vascular endothelial and neuronal cell differentiation. FES has tyrosine-specific protein kinase activity and that activity is required for maintenance of cellular transformation. Mutations may activate the FES kinase and thereby contribute to cancer. However, recent data strongly suggests that the c-FES protein-tyrosine kinase is a tumor suppressor rather than a dominant oncogene in colorectal cancer.
Product Categories/Family for anti-FES antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

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	85,466 Da
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

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/mouse-human-antibody/fes/108856>