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**Product Name: FES Mouse Monoclonal Antibody****Catalog #: AMM85981**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human, Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:500
<b>Molecular Weight</b>	93.5kDa

**Antigen Information**

<b>Gene Name</b>	FES
<b>Alternative Names</b>	Tyrosine-protein kinase Fes/Fps, Feline sarcoma/Fujinami avian sarcoma oncogene homolog, Proto-oncogene c-Fes, Proto-oncogene c-Fps, p93c-fes, FES, FPS
<b>Gene ID</b>	2242.0
<b>SwissProt ID</b>	P07332
<b>Immunogen</b>	This FES antibody is generated from a mouse immunized with a recombinant protein.

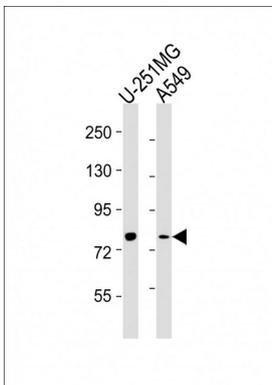
**Background**

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.

## Research Area

## Image Data



All lanes : Anti-FES Antibody at 1:2000 dilution