Mouse Monoclonal Antibody to FES

Cataloge Number	sAP-0119
Target Molecule	**Name: FES**
	Aliases: FPS
	MW: N/A
	Entrez Gene ID: 2242
Descrption	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 sug-
Immunogen	Purified recombinant fragment of FES (AA:613-822)expressed in E. Coli.
Recitative Species	Human;
Clone	MM2E3G3;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstitued with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Delfino FJ. Stevenson H. Smithgall TE. J Biol Chem. 2006, Mar 31, 281(13): 8829-35. Epub 2006 Feb 2. 2. Durfee WK. Rivard A. J Biomech Eng. 2005, Nov, 127(6):1014-9. 3. Vitenzon AS. Mironov EM. Petrushanskaya KA. Neurosci Behav Physiol. 2005, Sep, 35(7

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only