antibodies -online.com









Overview	
Quantity:	0.1 mL
Target:	FES
Binding Specificity:	truncated
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FES antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	Ni-NTA purified truncated recombinant FES-His expressed in E. Coli strain BL21 (DE3).
Clone:	2E3G3-2G9G1
Isotype:	lgG1
Target Details	
Target:	FES
Alternative Name:	FES (FES Products)
Background:	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.	

Gene ID: 2242

UniProt: P07332

Pathways: Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process,

Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes: Western Blot:1:500 - 1:2,000

IHC(P):1:500 - 1:2,000

ELISA: Propose dilution 1:10,000.

Determining optimal working dilutions by titration test.

Restrictions: For Research Use only

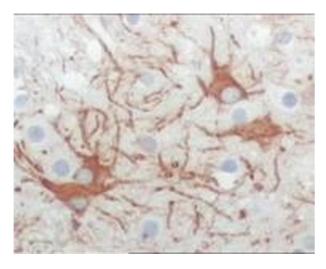
Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Storage:	-20 °C
Storage Comment:	FES monoclonal antibody can be stored at -20 °C, stable for one year.



Western Blotting

Image 1.



Immunohistochemistry

Image 2.