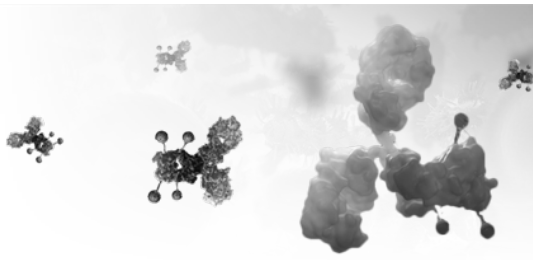

Mouse anti-Human FES polyclonal antibody (DPAB-DC979)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes the human cellular counterpart of a feline sarcoma retrovirus protein with transforming capabilities. The gene product has tyrosine-specific protein kinase activity and that activity is required for maintenance of cellular transformation. Its chromosomal location has linked it to a specific translocation event identified in patients with acute promyelocytic leukemia but it is also involved in normal hematopoiesis as well as growth factor and cytokine receptor signaling. Alternative splicing results in multiple variants encoding different isoforms.[provided by RefSeq, Jan 2009]
Immunogen	FES (AAH35357, 120 a.a. ~ 250 a.a) partial recombinant protein with GST tag. The sequence is WQQLQQELTKTHSQDIEKLKSQYRALARDSAQAKRKYQEASKDKDRDKAKDKYVRSLWKL FAHHNRYVLGVRAAQLHHQHHHQLLLPGLLRSLQDLHEEMACILKEILQEYLEISSLVQD EVVAIHREMAA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	FES FES proto-oncogene, tyrosine kinase [Homo sapiens (human)]
Official Symbol	FES
Synonyms	FES; FES proto-oncogene, tyrosine kinase; FPS; tyrosine-protein kinase Fes/Fps; p93c-fes; proto-oncogene c-Fes; proto-oncogene c-Fps; feline sarcoma oncogene; Oncogene FES, feline sarcoma virus; proto-oncogene tyrosine-protein kinase Fes/Fps; feline sarcoma/Fujinami avian sarcoma oncogene homolog; feline sarcoma (Snyder-Theilen) viral (v-fes)/Fujinami avian sarcoma (PRCII) viral (v-fps) oncogene homolog;
Entrez Gene ID	2242
Protein Refseq	NP_001137255
UniProt ID	P07332
Chromosome Location	15q26.1
Pathway	Angiopoietin receptor Tie2-mediated signaling; CRMPs in Sema3A signaling; IL-3 Signaling Pathway; IL-6 Signaling Pathway
Function	ATP binding; immunoglobulin receptor binding; non-membrane spanning protein tyrosine kinase activity; phosphatidylinositol binding

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