FES(Texas Red)/CEN15q(FITC) FISH Probe

Catalog # FA0577 Size 200 uL

Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).
Origin	Human
Source	Genomic DNA
Reactivity	Human
Notice	We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status	For research use only (RUO)
Supplied Products	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.
Self-Attestation	Abnova self-attests to comply with the U.S. Framework for Nucleic Acid Synthesis Screening

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — FES

Entrez GeneID	2242
Gene Name	FES
Gene Alias	FPS

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Gene Description	feline sarcoma oncogene
Omim ID	190030
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	Oncogene FES, feline sarcoma virus|c-fes/fps protein|feline sarcoma (Snyder-Theilen) viral (v-fes) /Fujinami avian sarcoma (PRCII) viral (v-fps) oncogene homolog|proto-oncogene tyrosine-protein kinase Fes/Fps

Pathway

- Axon guidance

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Leukemia
- Lymphoproliferative Disorders
- Myelodysplastic Syndromes

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