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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FLT3(Texas Red)/CEN13q(FITC) FISH Probe

Catalog # : FA0572

規格 : [200 uL]

List All

Specification

Product Description:	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology)
Supplied Product:	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction:	Store at 4°C in the dark.
Origin:	Human
Source:	Genomic DNA
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)

Application Image

Fluorescent In Situ Hybridization (Cell)

Applications

Fluorescent In Situ Hybridization (Cell)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [2322](#)

Gene Name: FLT3

Gene Alias: CD135,FLK2,STK1

Gene Description: fms-related tyrosine kinase 3

Omim ID: [136351](#), [601626](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a class III receptor tyrosine kinase that regulates hematopoiesis. The receptor consists of an extracellular domain composed of five immunoglobulin-like domains, one transmembrane region, and a cytoplasmic kinase domain split into two parts by a kinase-insert domain. The receptor is activated by binding of the fms-related tyrosine kinase 3 ligand to the extracellular domain, which induces homodimer formation in the plasma membrane leading to autophosphorylation of the receptor. The activated receptor kinase subsequently phosphorylates and activates multiple cytoplasmic effector molecules in pathways involved in apoptosis, proliferation, and differentiation of hematopoietic cells in bone marrow. Mutations that result in the constitutive activation of this receptor result in acute

myeloid leukemia and acute lymphoblastic leukemia. [provided by RefSeq]

Other Designations: CD135 antigen,FL cytokine receptor,FLT3 receptor tyrosine kinase,OTTHUMP00000042340,fetal liver kinase 2,growth factor receptor tyrosine kinase type III,stem cell tyrosine kinase 1,tyrosine-protein kinase receptor FLT3

Gene Pathway

[Acute myeloid leukemia](#) [Cytokine-cytokine receptor interaction](#) [Hematopoietic cell lineage](#) [Pathways in cancer](#)

Related Disease

[Acute Disease](#) [Cardiovascular Diseases](#) [Cell Transformation, Neoplastic](#) [Chromosome Aberrations](#) [Diabetes Mellitus, Type 2](#) [Disease Progression](#) [Down Syndrome](#) [Edema](#) [Fractures, Spontaneous](#) [Genetic Predisposition to Disease](#) [Leukemia](#) [Leukemia, B-Cell, Acute](#) [Leukemia, chronic myeloid](#) [Leukemia, Lymphocytic, Acute, L1](#) [Leukemia, Myelocytic, Acute](#) [Leukemia, Myelogenous, Chronic, BCR-ABL Positive](#) [Leukemia, Myeloid](#) [Leukemia, Myeloid, Acute](#) [Leukemia, Myelomonocytic, Chronic](#)

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