CAN(Texas Red)/CEN9q(FITC) FISH Probe

Catalog # FA0552 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 Product	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — NUP214

Entrez GeneID	8021
Gene Name	NUP214
Gene Alias	CAIN, CAN, D9S46E, MGC104525, N214
Gene Description	nucleoporin 214kDa

Omim ID	114350 601626
Gene Ontology	Hyperlink
Gene Summary	The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. This gene is a member of the FG-repeat-containing nucleoporins. The protein encoded by this gene is localized to the cytoplasmic face of the nuclear pore complex where it is required for proper cell cycle progression and nucleocytoplasmic transport. The 3' portion of this gene forms a fusion gene with the DEK gene on chromosome 6 in a t(6,9) translocation associated with acute myeloid leukemia and myelodysplastic syndrome. [provided by RefSeq
Other Designations	CAN protein, putative oncogene|OTTHUMP00000064563|nuclear pore complex protein Nup214|nucleoporin 214kD (CAIN)|p250

Disease

- Tobacco Use Disorder