SZABO SCANDIC

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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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PLS3/CENXp FISH Probe

Catalog # : FG0164 **規格 :** [200 uL]

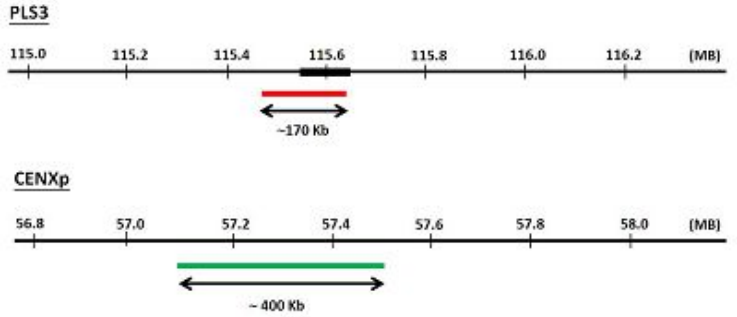
List All

Specification

Product Description: Labeled FISH probes for identification of gene amplification using Fluoresecent In Situ Hybridization Technique.

Storage Instruction: Store at 4°C in the dark.

Note: Hybridization position of the probes on the chromosome.



Probe 1:
Size: PLS3
Fluorophore: Approximately 170 kb
Location: Texas Red
Xq23

Probe 2:
Size: CENXp
Fluorophore: Approximately 400 kb
Location: FITC
Xp11.22

Probe Gap: The gap between two probes is approximately 5,790 kb

Origin: Human

Source: Genomic DNA

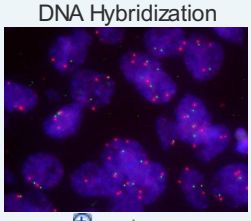
Regulation Status: For research use only (RUO)

Applications

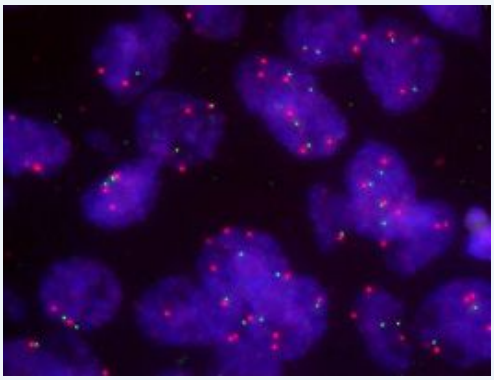
DNA Hybridization

Application Image

DNA Hybridization



enlarge



enlarge this image

Human Lung adenocarcinoma cells stained with PLS3/CENXp FISH Probe shows the PLS3 copy number gain.

Gene Information

Entrez GeneID:	5358
Gene Name:	PLS3
Gene Alias:	T-plastin
Gene Description:	plastin 3 (T isoform)
Omim ID:	300131
Gene Ontology:	Hyperlink
Gene Summary:	Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. In humans, two ubiquitous plastin isoforms (L and T) have been identified. Plastin 1 (otherwise known as Fimbrin) is a third distinct plastin isoform which is specifically expressed at high levels in the small intestine. The L isoform is expressed only in hemopoietic cell lineages, while the T isoform has been found in all other normal cells of solid tissues that have replicative potential (fibroblasts, endothelial cells, epithelial cells, melanocytes, etc.). The C-terminal 570 amino acids of the T-plastin and L-plastin proteins are 83% identical. It contains a potential calcium-binding site near the N terminus. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq
Other Designations:	T isoform,T plastin,plastin 3