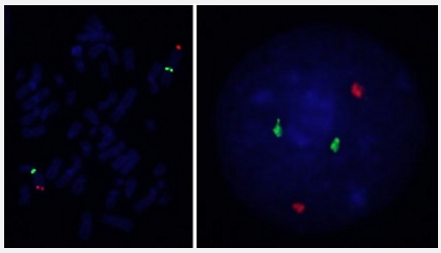
Sm Size

GPC1/CEN2q FISH Probe

Catalog # FG0198 Size 100 uL, 200 uL

Applications



Hybridization position of the probes on the chromosome.

Hybridization position of the probes on the chromosome.

Specification

Product Description	Labeled FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization T echnique. (Technology).
Probe 1	**Name:** GPC1 **Size:** Approximately 270kb **Fluorophore:** TexRed **Location:** 2q35-q37
Probe 2	**Name:** CEN2q **Size:** Approximately 580kb **Fluorophore:** FITC **Location:** 2q11.2
Origin	Human

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Source	Genomic DNA
Reactivity	Human
Form	Liquid
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)
Quality Control Testing	Representative images of normal human cell (lymphocyte) stain with the dual color FISH probe. The l eft image is chromosomes at metaphase, and the right image is an interphase nucleus.
Supplied Products	DAPI Counterstain (1500 ng/mL) 125 uL for each 100 uL FISH Probe
Storage Instruction	Store at 4°C in the dark.
Note	Hybridization position of the probes on the chromosome. Hybridization position of the probes on the chromosome.
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 — GPC1

Entrez GeneID	2817
Gene Name	GPC1
Gene Alias	FLJ38078, glypican
Gene Description	glypican 1
Omim ID	600395
Gene Ontology	Hyperlink

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Summary	Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein cor e substituted with a variable number of heparan sulfate chains. Members of the glypican-related in tegral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the contr ol of cell division and growth regulation. [provided by RefSeq
Other Designations	glypican proteoglycan 1

Disease

- Breast cancer
- Breast Neoplasms
- Genetic Predisposition to Disease
- Schizophrenia

Copyright © 2023 Abnova Corporation. All Rights Reserved.