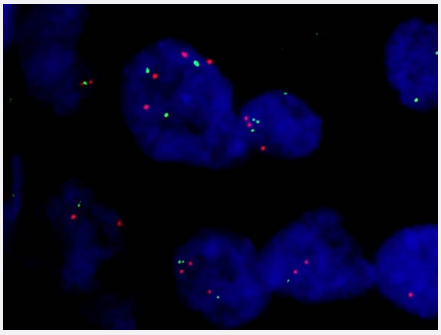
# PRDM14/CEN8p FISH Probe

Catalog # FG0165 Size 200 uL

## Applications



### DNA Hybridization

Human breast cancer stained with PRDM14/CEN8p FISH Probe.

### 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. |
| **Probe 1** | **Name:** PRDM14<br>**Size:** Approximately 360 kb<br>**Fluorophore:** Texas Red<br>**Location:** 8q13 |
| **Probe 2** | **Name:** CEN8p<br>**Size:** Approximately 400 kb<br>**Fluorophore:** FITC<br>**Location:** 8p11.1 |

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| | |
|---|---|
| **Probe Gap** | The gap between two probes is approximately 26,000 kb |
| **Origin** | Human |
| **Source** | Genomic DNA |
| **Reactivity** | Human |
| **Regulation Status** | For research use only (RUO) |
| **Storage Instruction** | Store at 4°C in the dark. |
| **Note** | Hybridization position of the probes on the chromosome.<br>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

- DNA Hybridization

  Human breast cancer stained with PRDM14/CEN8p FISH Probe.

## Gene Info — PRDM14

| | |
|---|---|
| **Entrez GeneID** | 63978 |
| **Gene Name** | PRDM14 |
| **Gene Alias** | MGC59730, PFM11 |
| **Gene Description** | PR domain containing 14 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The PR domain is a protein-protein interaction module of about 100 amino acids. PR domain-containing proteins, such as PRDM14, are often involved in transcriptional regulation (Jiang and Hua ng, 2000 [PubMed 10668202]).[supplied by OMIM |
| **Other Designations** | PR-domain zinc finger protein 14 |

## Disease

- Disease Progression

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- Disease Susceptibility
- HIV Infections

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