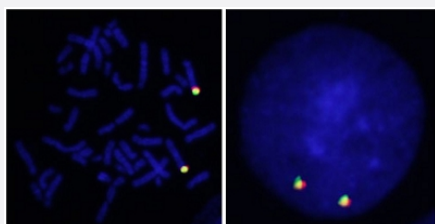


BCL6 Split FISH Probe

Catalog # FS0068 Size 200 uL, 100 uL

Applications



Specification

Product Description Labeled FISH probes for identification of gene split using Fluorescent In Situ Hybridization Technique. ([Technology](#)).

Probe 1
Name: BCL6
Size: Approximately 600kb
Fluorophore: Texas Red
Location: 3q27.3

Probe 2
Name: BCL6
Size: Approximately 740kb
Fluorophore: FITC
Location: 3q27.3

Origin Human

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 left image is chromosomes at metaphase, and the right image is an interphase nucleus.

Supplied Product

DAPI Counterstain (1500 ng/mL) 125 uL for each 100 uL FISH Probe

Probe Position**Storage Instruction**

Store at 4°C in the dark.

Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

Gene Info — BCL6

Entrez GeneID

[604](#)

Gene Name

BCL6

Gene Alias

BCL5, BCL6A, LAZ3, ZBTB27, ZNF51

Gene Description

B-cell CLL/lymphoma 6

Omim ID

[109565](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a zinc finger transcription factor and contains an N-terminal POZ domain. This protein acts as a sequence-specific repressor of transcription, and has been shown to modulate the transcription of START-dependent IL-4 responses of B cells. This protein can interact with a variety of POZ-containing proteins that function as transcription corepressors. This gene is found to be frequently translocated and hypermutated in diffuse large-cell lymphoma (DLCL), and may be involved in the pathogenesis of DLCL. Alternatively spliced transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq]

Other Designations

B-cell lymphoma 6 protein|B-cell lymphoma 6 protein transcript|cys-his2 zinc finger transcription factor|lymphoma-associated zinc finger gene on chromosome 3|zinc finger protein 51|zinc finger transcription factor BCL6S

Disease

- [Adenocarcinoma](#)

- [Central Nervous System Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)
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- [Lung Neoplasms](#)
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- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)