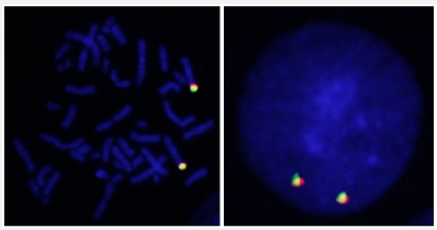
Sm Size

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.

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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
Probe Position	
Storage Instruction	Store at 4°C in the dark.
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 — 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 P OZ domain. This protein acts as a sequence-specific repressor of transcription, and has been sh own 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 (DLC L), and may be involved in the pathogenesis of DLCL. Alternatively spliced transcript variants enc oding 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 fa ctor|lymphoma-associated zinc finger gene on chromosome 3|zinc finger protein 51|zinc finger tra nscription factor BCL6S

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Disease

- Adenocarcinoma
- Central Nervous System Neoplasms
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Hematologic Diseases
- HIV Infections
- Hodgkin Disease
- Kidney Failure
- Leukemia
- Lung Neoplasms
- Lymphoma
- Lymphoproliferative Disorders
- Neovascularization
- Occupational Diseases
- Pulmonary Disease
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Waldenstrom Macroglobulinemia
- Werner syndrome

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