

RB1/CKS1B FISH Probe Kit

Introduction

The RB1/CKS1B FISH Probe Kit is designed to detect the human RB1 gene, located on chromosomes band 13q14.2, and the CKS1B gene on chromosome band 1q21.3. Abnormal expression of the RB1 gene has been observed in retinoblastoma, soft tissue and bone sarcomas and various other cancers. Amplification and overexpression of CKS1B has been found in multiple cancer types including myeloma, breast and ovarian cancer, lymphoma, renal carcinoma and others.

Intended Use

To detect the human *RB1* gene, located on chromosomes band 13q14.2, and the *CKS1B* gene on chromosome band 1q21.3.

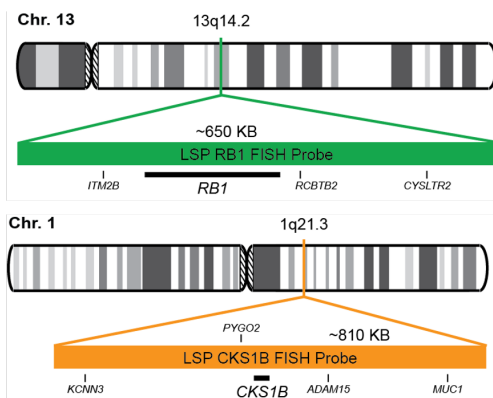
Cont.

Color

LSP RB1 FISH Probe
LSP CKS1B FISH Probe

CytoGreen
CytoOrange

Probe Design



LSP RB1 FISH Probe covers a chromosomal region which includes the entire *RB1* gene. LSP CKS1B FISH Probe covers a chromosomal region around *CKS2B* gene located at 1q21.3.

Cat. No.

Volume

CT-PAC366-10-GO

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) Toguchida J, et al. *Genomics*. 17(3):535-43 (1993).
- 2) Weinberg RA. *Cell*. 81(3):323-30 (1995).
- 3) Taya Y. *Trends Biochem Sci*. 22(1):14-7 (1997).
- 4) Tsimberidou AM, et al. *Cancer*. 115(2):373-80 (2009).
- 5) Caraway NP, et al. *Cancer*. 2008 Oct 25;114(5):315-22 (2008).

* CE IVD only available in certain countries. All other countries are either ASR or RUO. Please contact your local dealer or our headquarters for more information.

DCN032

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