CytoTest®

Premium **FISH** for Quality of Lives

ENGLISH

For Professional Use Only

DOCK8/CCP9 FISH Probe Kit

Introduction

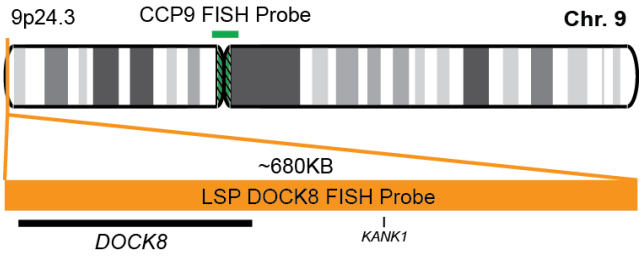
The DOCK8/CCP9 FISH Probe Kit is designed to detect the human DOCK8 gene located on chromosome band 9p24.3, along with the number of chromosome 9 copies per cell. Mutations in DOCK8 – also known as MRD2, ZIR8 or HEL-205 – result in the autosomal recessive form of the hyper-IgE syndrome and are associated with colon adenocarcinoma, lung adenocarcinoma, melanoma, breast invasive ductal carcinoma, glioblastoma and other malignancies.

Intended Use

To measure the copy number of the human *DOCK8* gene located on chromosome band 9p24.3.

Cont.	Color
LSP DOCK8 FISH Probe	CytoOrange
CCP9 (Pericentromeric) FISH Probe	CytoGreen

Probe Design



Not to Scale

LSP DOCK8 FISH Probe covers a chromosomal region which includes the entire *DOCK8* gene. CCP9 FISH Probe is designed to serve as a control to determine the number of chromosome 9 copies per cell.

Cat. No.	Volume
CT-PAC271-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2O2G	Other Patterns

1) Shah T, et al. *Clin Immunol*. 155(1):71-73 (2014).
2) Zhang Q, et al. *N Engl J Med*. 361(21):2046-55 (2009).
3) Takahashi K, et al. *Int J Oncol*. 28(2):321-8 (2006).
4) Crawford G, et al. *Blood*. 122(12):2052-61 (2013).
5) Kang JU, et al. *Int J Oncol*. 37(2):327-35 (2010).

-25°C -15°C CE IVD

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* 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.