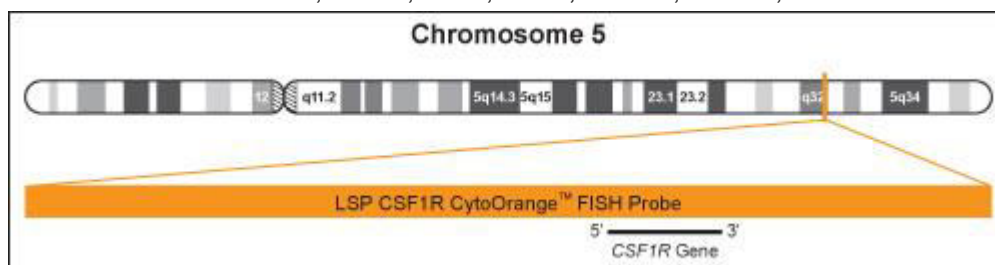


**LSP CSF1R FISH Probe** Cat No CT-LSP055

### Locus Specific Probe for CSF1R Gene

The CSF1R FISH Probe is designed to detect the human CSF1R gene located on chromosome band 5q32. CSF1R is also known as FMS, CSFR, FIM2, HDLS; C-FMS, CD115, CSF-1R or M-CSF-R.



The CSF1R FISH probe is labeled with CytoOrange. CytoOrange is a fluorophore with an excitation peak at 551nm and emission peak at 575nm, giving it an orange fluorescent signal with the appropriate filters.

The CSF1R FISH probe hybridizes to chromosome 5 in both metaphase and interphase cells. After hybridizing with normal human peripheral blood lymphocyte samples, two distinct orange fluorescent spots are observed in the interphase nuclei, each spot corresponding to the 5q32 region on the chromosome 5. In metaphase cells, a “doublet” or “split signal” may appear on chromosomal region 5q32. Each signal within the doublet represents one of the two sister chromatids present in the replicated chromosome 5.

\* CytoTest shall not be responsible for patent infringement or any other violation that may occur with the use of this product.

*Analyte Specific Reagent. Analytical and performance characteristics are not established.*

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