

myProbes Passport (RUO Probes)

MPD12970

BCL11B/TLX3 Dual Fusion Probe
For Research Use Only

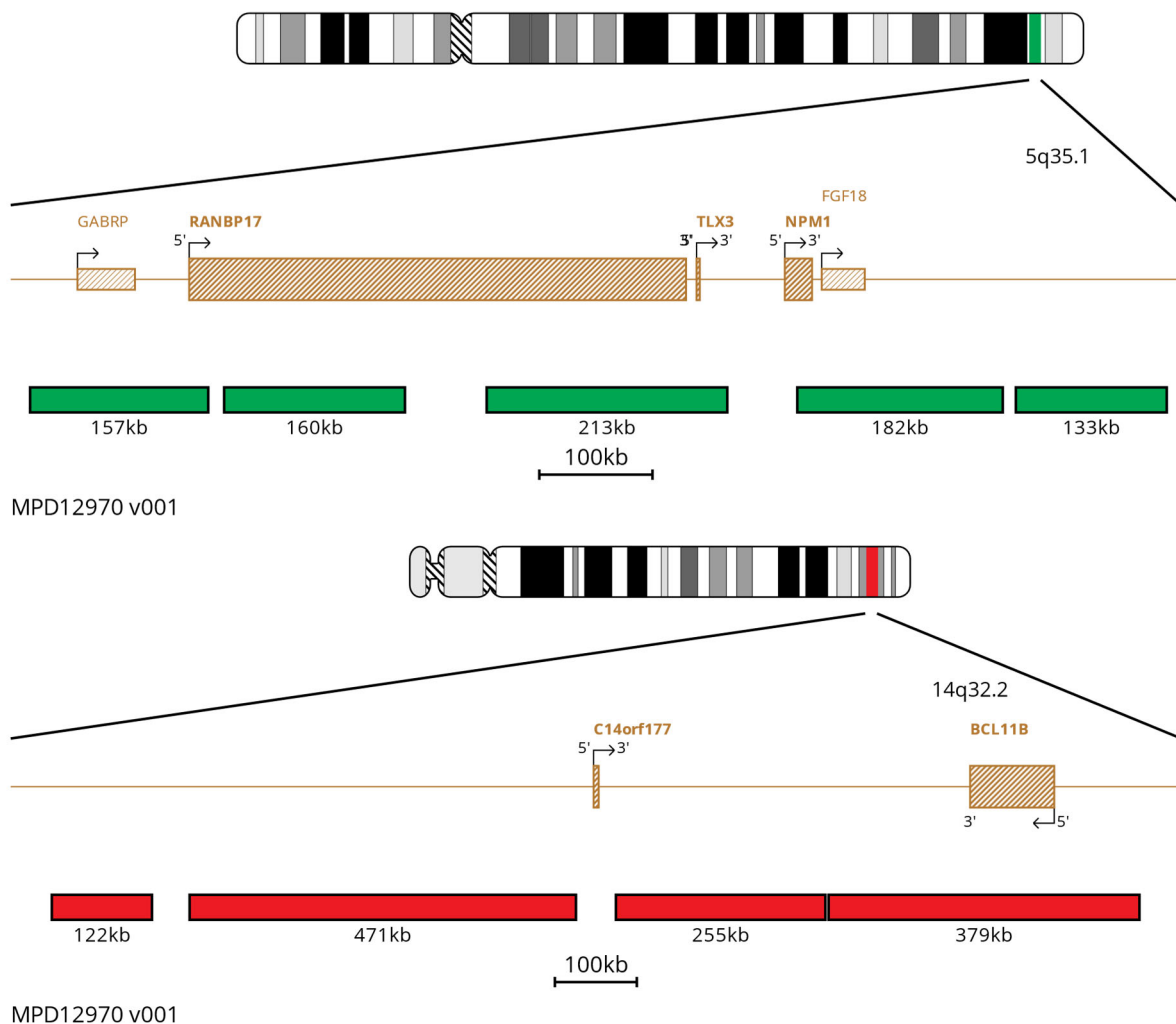
Nucleotide Locations (If requesting more than one probe please specify individual probe colours)

	Chromosome Locus	Start	End	Colour
1	14q32.2	98519422	9864160	Red
2	14q32.2	98686914	98810647	Red
3	14q32.2	98793696	98943819	Red
4	14q32.2	98863961	99056815	Red
5	14q32.2	99014931	99157683	Red
6	14q32.2	99205108	99353896	Red
7	14q32.2	99308184	99460075	Red
8	14q32.2	99463597	99657307	Red
9	14q32.2	99629570	99842365	Red
10	5q35.1	170148554	170306021	Green
11	5q35.1	170319709	170479374	Green
12	5q35.1	170551213	170764033	Green
13	5q35.1	170746923	170922033	Green
14	5q35.1	170825116	171006814	Green
15	5q35.1	171017887	171151383	Green

Database Used and Version

GRCh37 (hg19)

Probe Map



Materials Provided

1. **Probe:** 100µl per vial
The probe is provided pre-mixed in hybridisation solution (Formamide; Dextran Sulphate; SSC) and is ready to use. It is directly labelled with a red fluorophore, which lies in the Texas Red Spectrum and a green fluorophore, which lies in the FITC Spectrum. The probe has been batch released after QC testing on Formalin Fixed Paraffin Embedded Sample and Bone Marrow Sample.
2. **Counterstain:** 150µl per vial. The counterstain is DAPI antifade (ES: 0.125µg/ml DAPI (4,6-diamidino-2-phenylindole)).

Warnings and Precautions

1. For research use only. Not for use in diagnostic procedures.
2. For laboratory professional use only.
3. Probe mixtures contain formamide, which is a teratogen; do not breathe fumes or allow skin contact. Handle with care; wear gloves and a lab coat.
4. DAPI is a potential carcinogen. Handle with care; wear gloves and a lab coat.
5. Follow local disposal regulations for your location along with recommendations in the Safety Data Sheet to determine the safe disposal of this product. This also applies to damaged test kit contents.
6. Dispose of all used reagents and any other contaminated disposable materials following procedures for infectious or potentially infectious waste. It is the responsibility of each laboratory to handle solid and liquid waste according to their nature and degree of hazardousness and to treat and dispose of them (or have them treated and disposed of) in accordance with any applicable regulations.
7. Operators must be capable of distinguishing the colours red, blue, and green.
8. The probe should not be diluted or mixed with other probes.
9. All products should be validated before use.
10. Internal controls should be carried out by using unaffected cell populations in testing samples.
11. Custom probes are specifically developed for individual customers' RESEARCH USE ONLY (RUO) requirements and not with the intention of being used for in vitro diagnostic examination. Therefore, prior to any use of these probes, users should review the design of such probes to confirm they are suitable for their requirements.

Storage and Handling

1. Store the probe between -25°C to -15°C.
2. Based on the stability established for other substantially equivalent CytoCell probes, this myProbes product should be stable for 2 years post manufacture date when stored as indicated on the label.
3. Store the probe and counterstain vials in the dark. Ensure that exposure of the probe and counterstain to laboratory lights is limited at all times.

Known Cross-Reactivity

No cross hybridisation observed at QC release on the sample type specified.

Customer Support

Please contact the CytoCell Technical Support Department or email probes@cytoCELL.com.

Patents and Trademarks

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