

myProbes Passport (RUO Probes)

MPD43290

MYC/IGH Tri-colour Breakapart/Fusion Probe
For Research Use Only

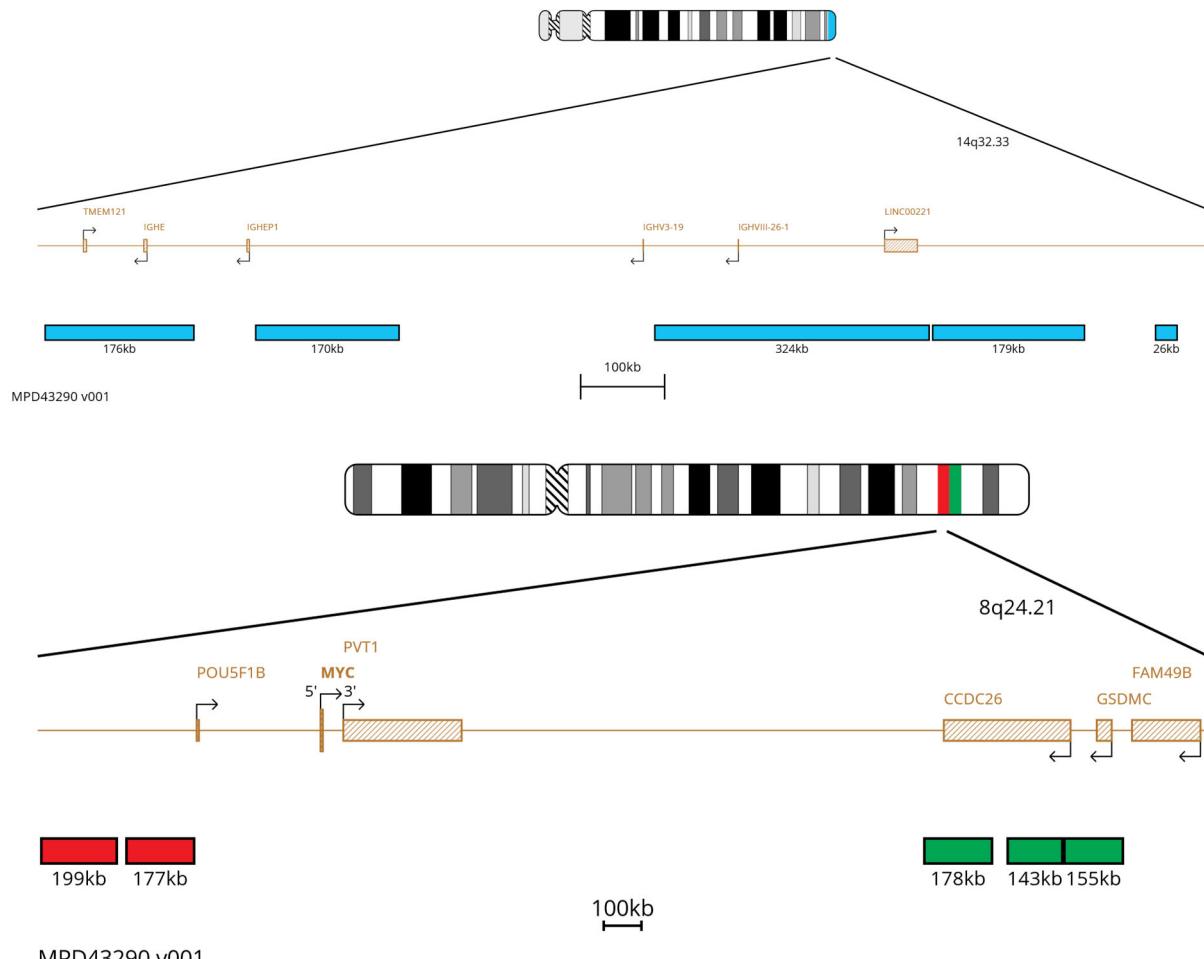
Nucleotide Locations (If requesting more than one probe please specify individual probe colours)

	Chromosome Locus	Start	End	Colour
1	8q24.21	128244486	128421245	Red
2	8q24.21	128023767	128222732	Red
3	8q24.21	130313403	130491824	Green
4	8q24.21	130529529	130672582	Green
5	8q24.21	130676435	130830945	Green
6	14q32.33	105947801	106124038	Aqua
7	14q32.33	106196304	106366105	Aqua
8	14q32.33	106667209	106820849	Aqua
9	14q32.33	106782750	106874173	Aqua
10	14q32.33	106841143	106991527	Aqua
11	14q32.33	106995077	107135809	Aqua
12	14q32.33	107077121	107174332	Aqua
13	14q32.33	107159169	107268435	Aqua
14	14q32.33	107258048	107284028	Aqua

Database Used and Version

GRCh37 (hg19)

Probe Map



Materials Provided

- Probe:** 100 µl 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, a Green fluorophore, which lies in the FITC Spectrum and an Aqua fluorophore, which lies in the Aqua Spectrum. The probe has been batch released after QC testing on Formalin Fixed Paraffin Embedded Sample and Bone Marrow Sample.
- Counterstain:** 150 µl 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

Cross hybridisation may be observed at 15q11.2 and 16p11.2 in Aqua on the sample type specified.

Customer Support

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

Patents and Trademarks

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