

myProbes Passport (RUO Probes)

MPD28000

IGH Plus/MYC/8cen Dual Fusion/Amplification Tri-Colour Probe

For Research Use Only

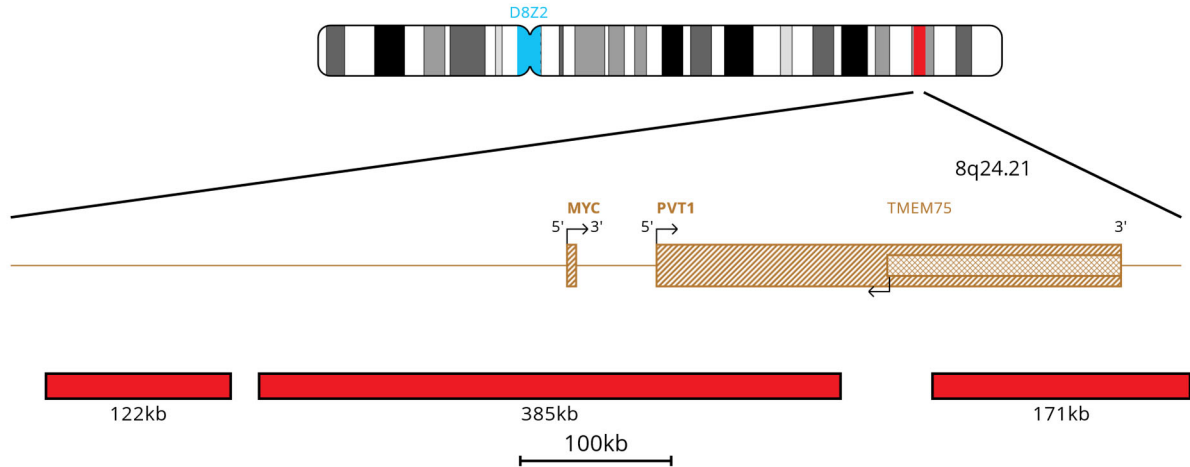
Nucleotide Locations (If requesting more than one probe please specify individual probe colours)

	Chromosome Locus	Start	End	Colour
1	8q24.21	128403588	128525787	Red
2	8q24.21	128544326	128702885	Red
3	8q24.21	128690817	128824097	Red
4	8q24.21	128808684	128929002	Red
5	8q24.21	128890737	129017460	Red
6	8q24.21	128988995	129159772	Red
7	14q32.33	105606687	105805171	Green
8	14q32.33	105787920	105999428	Green
9	14q32.33	106667209	106820849	Green
10	14q32.33	106782750	106874173	Green
11	14q32.33	106841143	106991527	Green
12	14q32.33	106995077	107135809	Green
13	14q32.33	107077121	107174332	Green
14	14q32.33	107159169	107268435	Green
15	14q32.33	107258048	107284028	Green
16	8cen	8p11.1	8q11.1	Aqua

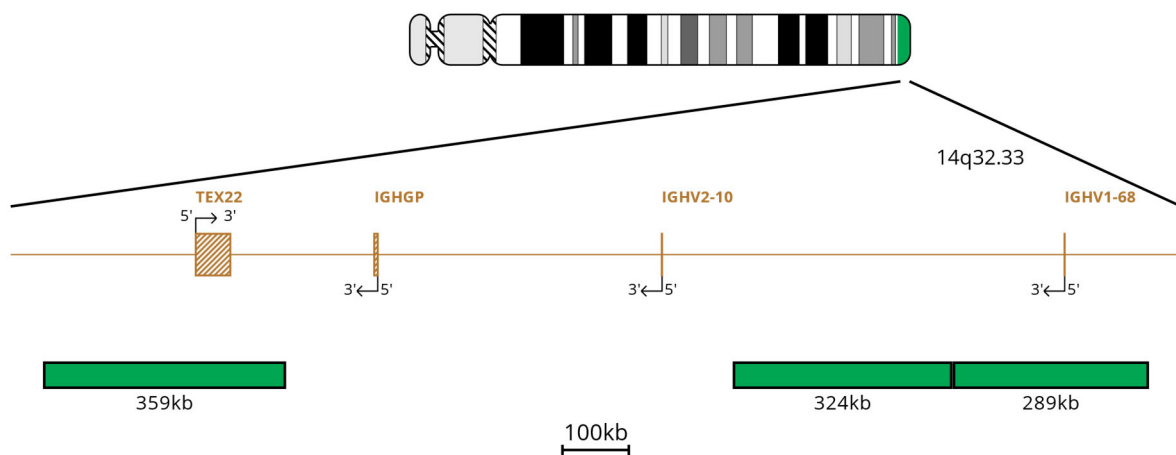
Database Used and Version

GRCh37

Probe Map



MPD28000 v001



MPD28000 v001

Materials Provided

- Probe:** 100 μ l 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, an aqua fluorophore, which lies in the Aqua 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.
- Counterstain:** 150 μ l per vial. The counterstain is DAPI antifade (ES: 0.125 μ g/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 hazard 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

The IGH probe may show cross hybridisation to 15q11.2 and 16p11.2.

Customer Support

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

Patents and Trademarks

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