



myProbes Passport (RUO Probes)

MPH22700	IGH/MAF v2 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	14q32.33	105947801	106124038	GREEN
2	14q32.33	106196304	106366106	GREEN
3	14q32.33	106667209	106820849	GREEN
4	14q32.33	106782750	106874173	GREEN
5	14q32.33	106841143	106991527	GREEN
6	14q32.33	106995077	107135809	GREEN
7	14q32.33	107077121	107174332	GREEN
8	14q32.33	107159169	107268435	GREEN
9	14q32.33	107258048	107284028	GREEN
10	16q23.1	78111496	78278690	RED
11	16q23.1	78275867	78520579	RED
12	16q23.1	78543049	78691342	RED
13	16q23.1	78702557	78847845	RED
14	16q23.1	78872851	78963431	RED
15	16q23.1	79024699	79140262	RED
16	16q23.1-q23.3	79173244	79367699	RED
17	16q23.3	79350834	79545726	RED
18	16q23.3	79570216	79681950	RED
19	16q23.3	79692448	79811678	RED
20	16q23.3	79841502	79966321	RED
Database Used and Version		GRCh37 (hg19)		





Probe Map



MPH22700 v001

Materials Provided

1. 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 and a green fluorophore, which lies in the FITC Spectrum. The probe has been batch released after QC testing on Bone Marrow Sample.

2. **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

Green cross hybridisation observed at QC release on the sample type specified to centromeric regions of chromosomes 15 and 16.

Customer Support

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

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For Research Use Only. Not for use in diagnostic procedures.

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