

## myProbes Passport (RUO Probes)

<b>MPH23120</b>	<b>IGH/IL3 Dual Fusion Probe</b> <i>For Research Use Only</i>
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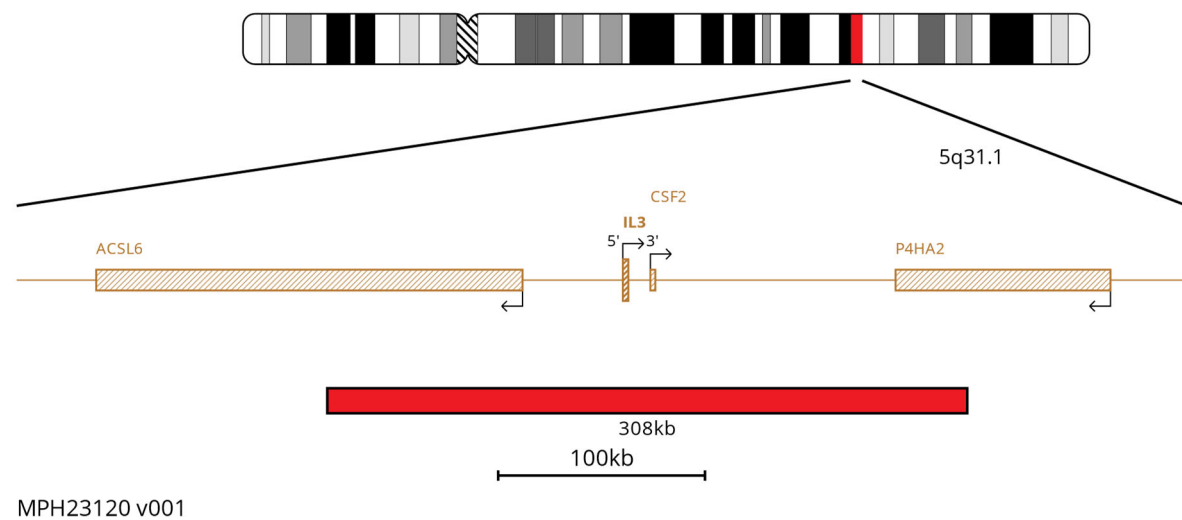
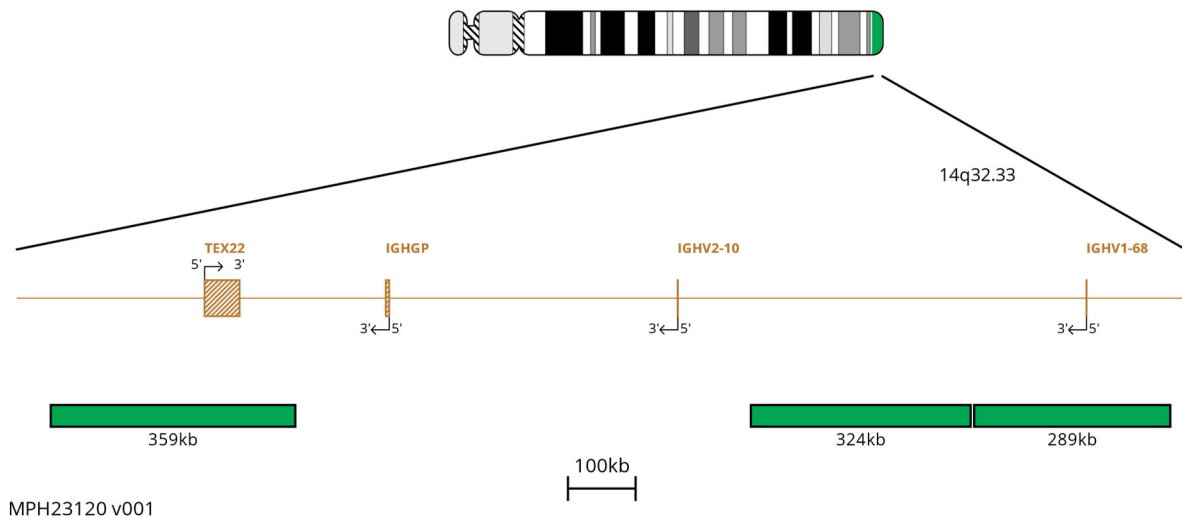
**Nucleotide Locations** (If requesting more than one probe please specify individual probe colours)

	<b>Chromosome Locus</b>	<b>Start</b>	<b>End</b>	<b>Colour</b>
1	5q31.1	131253929	131390233	Red
2	5q31.1	131432198	131562132	Red
3	5q31.1	131363502	131541390	Red
4	14q32.33	105606687	105802169	Green
5	14q32.33	105788920	105999428	Green
6	14q32.33	106667209	106795977	Green
7	14q32.33	106782750	106874172	Green
8	14q32.33	106841162	106991516	Green
9	14q32.33	106995083	107135808	Green
10	14q32.33	107077128	107174325	Green
11	14q32.33	107160170	107267431	Green
12	14q32.33	107258048	107284028	Green

Database Used and Version

GRCh37 (hg19)

## Probe Map



## Materials Provided

- 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 Bone Marrow Sample.
- 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

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](mailto:probes@cytoCELL.com).

## Patents and Trademarks

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

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