

## REPEAT-FREE™ POSEIDON™ RAB9B (XqF1) & DSCR (16qC4) Mouse Probe

**Intended use:** The **RAB9B (XqF1) / DSCR (16qC4)** mouse specific DNA probe is optimized to detect mouse chromosome X and 16 in a dual-color assay suited for mouse metaphase/interphase spreads, mouse blood smears and mouse bone marrow cells.

The probe is recommended to be used in combination with one of the POSEIDON Pretreatment kits providing necessary reagents to perform FISH on various sample types for optimal results. (see also [www.kreatech.com](http://www.kreatech.com) and look for Kits & reagents).

**Critical region 1 (red):** The **RAB9B (XqF1)** specific mouse DNA probe is direct-labeled with PlatinumBright™550.

**Critical region 2 (green):** The **DSCR (16qC4)** specific mouse DNA probe is direct-labeled with PlatinumBright495.

**Reagent:** POSEIDON probes are direct-labeled DNA probes provided in a ready-to-use format. Apply 10 µl of probe to a sample area of approximately 22 x 22 mm.

Please refer to the Instructions for Use for the entire POSEIDON FISH protocol

**REPEAT-FREE POSEIDON probes do not contain Cot-1 DNA. Hybridization efficiency is therefore increased and background, due to unspecific binding, is highly reduced.**

**Patterns:** The **RAB9B (XqF1) / DSCR (16qC4)** mouse probe is designed as a dual-color assay to detect the mouse chromosomes X and 16. Two single color green (G) identify the normal mouse chromosomes 16, two single color red (R) will identify the normal mouse chromosomes X in female samples, one single color red (R) will identify the normal mouse chromosome X in male samples.

Signal patterns other than those described above may indicate amplifications, deletions of mouse chromosome X and/or 16 or other complex rearrangements.

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## Product Information

KBI-30503

**RAB9B (XqF1) / DSCR  
(16qC4) mouse**

**RUO - Research Use Only  
Not for use in diagnostic  
procedures**



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