

# Kreatech™ FISH probes

## Product Information Sheet

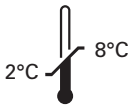
KI-30503

Rab9b (XqF1) / Rcan1 (16qC4) Mouse probe  
100 µl

**DANGER**



**FORMAMIDE**



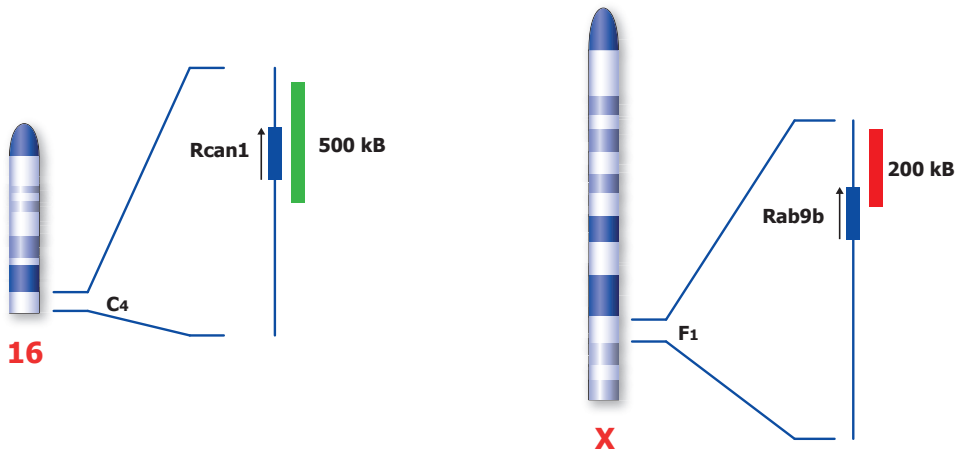
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**RUO - Research Use Only**

Not for use in diagnostic procedures

PI-KI-30503\_D2.1

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Not to scale

KI-30503

## **Kreatech™ Rab9b (XqF1) / Rcan1 (16qC4) Mouse FISH probe**

**Introduction:** The **Rab9b (XqF1) / Rcan1 (16qC4)** mouse specific FISH 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.

**Critical region 1 (red):** The **Rab9b (XqF1)** specific mouse FISH probe is direct-labeled with PlatinumBright™550.  
**Critical region 2 (green):** The **Rcan1 (16qC4)** specific mouse FISH probe is direct-labeled with PlatinumBright™495.

**Reagent:** Kreatech 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 Kreatech FISH protocol.**

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

**Patterns:** The **Rab9b (XqF1) / Rcan1 (16qC4)** mouse FISH 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

**Warning and precautions:** In case of emergencies check SDS sheets for medical advice. SDS sheets may be obtained by either contacting Leica Technical Support or visiting [www.LeicaBiosystems.com](http://www.LeicaBiosystems.com). DNA probes contain formamide which is a teratogen; do not inhale or allow skin contact. Wear gloves and a lab coat when handling DNA probes. All materials should be disposed of according to your institution's guidelines for hospital waste disposal.

**Reagent Storage and Handling:** Store at 2-8 °C. Reagents should not be used after the expiration date on the vial label.

**TECHNICAL SUPPORT** Technical support is available at [www.LeicaBiosystems.com/service-support/technical-support/](http://www.LeicaBiosystems.com/service-support/technical-support/) or toll free at 800-248-0123 or via e-mail: [kreatech-support@leicabiosystems.com](mailto:kreatech-support@leicabiosystems.com).

**CUSTOMER SERVICE** Kreatech probes may be ordered through Leica Customer Service toll free at 800-248-0123 or order via e-mail: [purchase.orders@leica-microsystems.com](mailto:purchase.orders@leica-microsystems.com).