

SCIENTIFIC BACKGROUND:

Mouse monoclonal antibody clone T4G6 has been developed in mice immunized with rhesus monkey (*Macaca mulatta*) red blood cells. It recognizes mature red blood cells and erythroid precursor cells in rhesus monkey bone marrow. The antigen to which clone T4G6 binds has not been identified. The reactivity with red blood cells from other monkey species has not been determined. Clone T4G6 does not recognize human red blood cells.

SPECIFICITY:

Rhesus monkey red blood cells

CLONE: T4G6

ISOTYPE: IgG_{2a}, κ (mouse)

FORMAT:

0.1 mg of purified antibody in phosphate buffered saline.

STABILITY AND STORAGE:

Store at 4°C. DO NOT FREEZE. Product stable for at least 2 years. Filter sterilized. Contents sterile if unopened. Addition of 0.1% sodium azide (final) is recommended once vial is opened. Dilute with medium or phosphate buffered saline containing 0.1-1% bovine serum albumin as a carrier protein.

APPLICATIONS AND DIRECTIONS FOR USE:

Flow Cytometry:


Appropriate conditions should be established for each application.

Caution:

This antibody may cause red blood cell agglutination if used at high concentrations in indirect staining experiments with anti-mouse Ig antibody conjugates. If this happens, repeat the staining with a lower antibody concentration.

CYTOKINES

Product Information Sheet



**ANTI-RHESUS MONKEY
RED BLOOD CELL**

Mouse Monoclonal Antibody
Clone T4G6

Catalog #01430 100 µg

**THIS REAGENT IS FOR RESEARCH ONLY.
IT IS NOT TO BE ADMINISTERED TO HUMANS.**

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