

# Rat Ig Kappa chain monoclonal antibody (FITC)



AGIM0568

FITC- conjugated monoclonal antibody MRC OX-12 to rat Ig  $\kappa$  chain

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## Product Information

### Product SKU:

AGIM0568

### Form:

Liquid

### Size:

500 $\mu$ l

### Category:

Monoclonal Antibody

### Applications:

Flow Cytometry

### Isotype Subclass:

Mouse IgG2a

### Clone:

MRC OX-12

## Form

The purified antibody is conjugated with Fluoresceinisothiocyanate (FITC) under optimum conditions. The reagent is adjusted for direct use. No reconstitution is necessary.

## Specificity

This anti-rat Ig  $\kappa$  chain monoclonal antibody recognizes a determinant on rat kappa chains and binds preferentially to the Ig-1b allotype which is present in AGUS, AO, AUG, BN, LEW, LOU, PVG, and WAG rat strains but not ACI, DA, F344, MSU or SHR. This antibody detects surface immunoglobulin of rat peripheral blood B lymphocytes and has been used in indirect binding assays for detecting rat antibodies. Applications include flow cytometry for directly labeling rat B lymphocytes and as an excellent specific secondary antibody with rat monoclonals.

### Buffer/Additives/Preservative

PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.2)

### Expiration date:

The reagent is stable until the expiry date stated on the vial label

### Storage conditions:

Store at 4 °C. Avoid prolonged exposure to light

**Warning and Precautions:** Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink, and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

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