Revision 6

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# Rat (LTF-2) mAb IgG2b Isotype Control (FITC Conjugate)

Cell Signaling TECHNOLOGY®

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**For Research Use Only. Not for Use in Diagnostic Procedures.**

| Applications: | Concentration: | Sensitivity: | Source/Isotype: |
|---|---|---|---|
| FC-FP, FC-L | 500 µg/ml | Endogenous | Rat IgG2b |

## Product Usage Information

Dilute this control antibody to the same concentration (not dilution) as the specific antibody used in analysis. See product vial or Certificate of Analysis for antibody concentrations.

## Storage

Supplied in 10 mM NaH2PO4, 150 mM NaCl, 0.09% NaN3, 0.1% gelatin, pH 7.2. This product is stable for 12 months when stored at 4ºC. Do not aliquot the antibody. Protect from light. Do not freeze.

## Specificity / Sensitivity

The antibody is not directed against any known antigen. It functions as an isotype control for rat monoclonal antibodies.

## Product Description

This Cell Signaling Technology antibody is conjugated to FITC under optimal conditions and tested in-house for direct flow cytometric analysis in mouse cells.

## Background

Isotype control antibodies are used to estimate the nonspecific binding of target primary antibodies due to $F_c$ receptor binding or other protein-protein interactions. An isotype control antibody should have the same immunoglobulin type and be used at the same concentration as the test antibody.

## Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

## Applications Key

**FC-FP:** Flow Cytometry (Fixed/Permeabilized) **FC-L:** Flow Cytometry (Live)

## Cross-Reactivity Key

**H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Mi:** mink **C:** chicken **Dm:** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Sc:** S. cerevisiae **Ce:** C. elegans **Hr:** horse **GP:** Guinea Pig **Rab:** rabbit **All:** all species expected

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