

**CYTO-STAT®/
COULTER CLONE®
MslgG2b-RD1/
MslgG1-FITC**

6604238 - 50 tests

PN 4236073-F



	CLONE 1	CLONE 2
Specificity	Non Applicable	Non Applicable
Clone	MPC-11	2T8-2F5
Hybridoma	NS-1 x BALB/c	NS-1 x BALB/c
Immunogen	Non Applicable	Non Applicable
Ig Chain	IgG2b	IgG1
Species	Mouse	Mouse
Source	Conditioned media	Conditioned media
Purification	Affinity chromatography	Affinity chromatography
Fluorescence	Excites at 486-580 nm / Emits at 568-590 nm	Excites at 468-509 nm / Emits at 504-541 nm
Conjugation	RD1 (Phycoerythrin)	FITC (Fluorescein Isothiocyanate)
Molar Ratio	RD1/Protein: 0.5-1.5	FITC/Protein: 3-10

ISOTYPIC CONTROL

**For Research Use Only.
Not for use in diagnostic procedures.**

ANTIBODY SPECIFICITY

MslgG2b-RD1/MslgG1-FITC is used to monitor the level of nonspecific staining in cell staining procedures which use antibodies of the mouse IgG1 and the mouse IgG2b subclasses conjugated to FITC and RD1, respectively.

REAGENT

CYTO-STAT/COULTER CLONE MslgG2b-RD1/MslgG1-FITC
PN 6604238 - 50 tests (0.5 mL)

CLONE: 2T8-2F5 (MslgG1) and MPC-11 (MslgG2b) were derived from the hybridization of mouse NS-1 cells with spleen cells from BALB/c mice.

Ig CHAIN: Mouse IgG1 and IgG2b heavy chain and kappa light chains

SOURCE: Conditioned media

PURIFICATION: Affinity chromatography

CONJUGATION: MslgG1-FITC (Fluorescein isothiocyanate)
MslgG2b-RD1 (Phycoerythrin)

MOLAR RATIO: FITC/protein 3-10
RD1/protein 0.5-1.5

FLUORESCENCE:

FITC (Green) Excites at 468-509 nm
Emits at 504-541 nm
RD1 (Orange) Excites at 486-580 nm
Emits at 568-590 nm

REAGENT CONTENTS

The concentration of nonantibody reagents is 0.2% BSA, 0.01 M potassium phosphate, 0.15 M NaCl, 0.1% NaN₃ and stabilizers.

STATEMENT OF WARNINGS

1. This reagent contains 0.1% sodium azide. Sodium azide under acid conditions yields hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with running water while being discarded. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop. If skin or eye contact occurs, wash excessively with water.
2. Specimens, samples and all material coming in contact with them should be handled as if capable of transmitting infection and disposed of with proper precautions.
3. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
4. Do not use reagent beyond the expiration date on the vial label.
5. Minimize exposure of reagent to light during storage or incubation.

6. Avoid microbial contamination of reagents or erroneous results may occur.
7. Use Good Laboratory Practices (GLP) when handling this reagent.
8. Harmful if swallowed.
9. After contact with skin, wash immediately with plenty of water.

STORAGE CONDITIONS AND STABILITY

This reagent is stable to the expiration date on the vial label when stored at 2-8°C. Do not freeze. Minimize exposure to light.

EVIDENCE OF DETERIORATION

Any change in the physical appearance of this reagent (clear, colorless to pink liquid) or any major variation in values obtained for control samples may indicate deterioration and the reagent should not be used.

REAGENT PREPARATION

No preparation is necessary. This CYTO-STAT/ COULTER CLONE reagent is used directly from the vial. Bring reagent to 20-25°C prior to use.

USAGE

This reagent is recommended for use with standard flow cytometry methodologies using the COULTER® Q-PREP™/IMMUNOPREP™, MULTI-Q-PREP™/IMMUNOPREP, or TQ-PREP/IMMUNOPREP Reagent System and Workstation.

The use of MslgG2b-RD1/MslgG1-FITC is not intended for use in clinical diagnostic applications.

PRODUCT AVAILABILITY

CYTO-STAT/COULTER CLONE MslgG2b-RD1/MslgG1-FITC
PN 6604238 - 50 tests (0.5 mL)

RD1 is licensed under patent 4,520,110.

For additional information in the US, call 800-526-7694. Outside the US, contact your local Beckman Coulter Representative.

TRADEMARKS

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