

**CYTO-STAT®/
COULTER CLONE®
MslgG2b-RD1,
MslgG2b-ECD**

REF 6603852 - 50 tests

REF 6604700 - 50 tests

PN 4236230-D



	CLONE 1	CLONE 2
Specificity	Non Applicable	Non Applicable
Clone	MPC-11	MPC-11
Hybridoma	NS-1 x BALB/c	NS-1 x BALB/c
Immunogen	Non Applicable	Non Applicable
Ig Chain	IgG2b	IgG2b
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 486-580 nm / Emits at 610-635 nm
Conjugation	RD1 (Phycoerythrin)	ECD (Phycoerythrin-Texas Red®-X)
Molar Ratio	RD1/Protein: 0.5-1.5	ECD/Protein: 0.5-1.5

ISOTYPIC CONTROL

ANALYTE SPECIFIC REAGENT

Analytical and performance characteristics are not established.

ANTIBODY SPECIFICITY

MslgG2b is used to monitor the level of nonspecific staining in cell staining procedures which use antibodies of the mouse IgG2b subclass conjugated to RD1 or ECD.

REAGENT CONTENTS

The concentration of nonantibody reagents is 0.2% BSA, 0.01 M potassium phosphate, 0.15 M NaCl, 0.1% Na₂S₂O₃, 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 reagent 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 (RD1 or ECD labeled = clear, pinkish 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 for use with standard flow cytometry methodologies.

PRODUCT AVAILABILITY

CYTO-STAT/COULTER CLONE MslgG2b-RD1
PN 6603852 - 50 tests (0.5 mL)

OR

CYTO-STAT/COULTER CLONE MslgG2b-ECD
PN 6604700 - 50 tests (0.5 mL)

RD1 is licensed under patent 4,520,110.

ECD is licensed under patents 4,542,104 and 4,520,110.

Texas Red®-X is a registered trademark of Molecular Probes, Inc.

For additional information or if damaged product is received in the USA, call 800-526-7694. Outside the USA, contact your local Beckman Coulter Representative.

TRADEMARKS

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Beckman Coulter, Inc.
4300 N. Harbor Blvd.
Fullerton, CA 92835

www.beckmancoulter.com

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