

Analyte Specific Reagent.

Analytical and performance characteristics are not established.

SPECIFICITY

The 679.1Mc7 mouse monoclonal antibody (mAb) has an irrelevant specificity. It induces nonspecific immuno-labeling on hematopoietic cells and platelets (1).

This Alexa Fluor 488-conjugated 679.1Mc7 mAb shares certain structural characteristics (i.e. isotype and conjugated fluorochrome) with monoclonal antibodies of interest (i.e. mAbs specific of hematopoietic cell surface antigens).

REAGENT

IOTest IgG1-Krome Orange Isotypic control
PN A96415 - 1mL - Liquid - 10 µL/test*

Clone	679.1Mc7
Isotype	IgG1, Mouse
Immunogen	Non Biological Hapten
Hybridoma	X63 x balb/c
Source	Ascites fluid
Purification	Affinity chromatography
Conjugation	Krome Orange
Molar Ratio	Krome Orange / Ig : 7.8 - 12.6
Fluorescence	Excites at 405 nm Emits at 528 nm

REAGENT CONTENTS

This antibody is provided in phosphate-buffered saline, containing 0.1% sodium azide and 2 mg/mL bovine serum albumin.

STATEMENTS OF WARNING

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 considered potentially infectious 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 antibody beyond the expiration date on the label.
5. Do not expose reagents to strong light during storage or incubation.
6. Avoid microbial contamination of reagents or incorrect results might occur.
7. Use good laboratory practices when handling this reagent.

STORAGE CONDITIONS AND STABILITY

This reagent is stable up to the expiration date when stored at 2 – 8°C. Do not freeze.

REAGENT PREPARATION

No reconstitution is necessary. This monoclonal antibody may be used directly from the vial. Bring reagent to 18 – 25°C prior to use.

SELECTED RESEARCH REFERENCES

1. Stewart, C.C., Stewart, S.J., "Cell preparation for the identification of leukocytes", 1994, Methods Cell Biol., Chap3, 41, 39-60.

TRADEMARKS

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(*): 10 µL is the quantity of product sufficient to stain
5 x 10⁵ cells in a standard immunofluorescence assay