



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## COMBI Surface: IgG2a Negative Control (FITC) and IgG1 Negative Control (PE)

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[nordicmubio.com/products/COMBI-Surface-IgG2a-Negative-Control-FITC-and-IgG1-Negative-Control-PE-/GCT-202](https://nordicmubio.com/products/COMBI-Surface-IgG2a-Negative-Control-FITC-and-IgG1-Negative-Control-PE-/GCT-202)

Catalog number: **GCT-202**

Clone	4H1-A7 and VI-AP
Isotype	IgG2a and IgG1
Product Type	Negative Control
Units	50 Tests
Species Reactivity	Mouse
Application	Direct Immunofluorescence

### Background

Each staining performed with specific monoclonal antibodies should be paralleled by a staining with an appropriate isotype matched control antibody, in order to be able to control for non-specific binding. The COMBI-REAGENT-Negative Control permits to estimate the degree of non-specific binding of isotype matched immunoglobulins to leukocytes via e.g. Fc-receptors. It enables the expert to set flow cytometric parameters accordingly. Results must be interpreted by a certified professional before final interpretation. Analyses performed with this antibody should be paralleled by positive and negative controls. If unexpected results are obtained which cannot be attributed to differences in laboratory procedures, please contact us.

### Product

PBS pH 7.2, 1% BSA, 0.05% NaN<sub>3</sub>

*Product Form:* FITC and PE

*Formulation:* PBS pH 7.2, 1% BSA, 0.05% NaN<sub>3</sub>

### Specificity

The monoclonal antibodies have no known specificity for human leukocytes. It is recommended to use similar amounts of test antibody and isotype matched COMBI-

REAGENT Negative Control antibody in each experiment.

### **Applications**

Direct Immunofluorescence (Staining Procedure) Nordic-MUbio fluorochrome labeled antibodies are designed for use with either whole blood or isolated mononuclear cell (MNC) preparations. Proposed staining procedure for whole blood in short: - For each sample add 50 µl of EDTA anti-coagulated blood to a 3-5 ml tube - Add 20 µl of the appropriate Nordic-MUbio monoclonal antibody conjugate - Incubate the tube for 15 minutes at 4°C or at room temperature in the dark - Add 100 µl NM-LYSE (Cat.No. GAS-003) to each tube and incubate for 10 minutes at room temperature - Add 3-4 ml of distilled water and vortex, incubate for 5-10 minutes at room temperature - Centrifuge tube for 5 minutes at 300 g - Aspirate supernatant and resuspend pellet in 0.3 ml of sheath fluid - Analyze immediately or store samples at 2-8° C in the dark and analyze within 24 hours For “No-Wash” protocol please refer to [www.nordicmubio.com](http://www.nordicmubio.com) Proposed staining procedure for MNC in short: - Carefully add 20 µl antibody conjugate and 50-100 µl MNC to the bottom of a tube - Vortex at low speed for 1-2 seconds - Incubate for 15-30 minutes at 2-8°C or at room temperature - Centrifuge tubes for 5 minutes at 300 g - Remove supernatant, resuspend cells in 2-5 ml of phosphate buffered saline (PBS) and centrifuge cells again for 5 minutes at 300 g - Remove supernatant and resuspend cells in sheath fluid for immediate analysis or resuspend cells in 0.5 ml 1 % formaldehyde and store them at 2-8°C in the dark. Analyze fixed cells within 24 hours

### **Storage**

Nordic-MUbio monoclonal antibody reagents contain optimal concentrations of affinity-purified antibody. For stability reasons this monoclonal antibody solution contains sodium azide. These reagents should be stored at 2-8°C (DO NOT FREEZE!) and protected from prolonged exposure to light. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance or the concentration of the product. Stability of the reagent: Please refer to the expiry date printed onto the vial. The use of the reagent after the expiration date is not recommended.

### **Caution**

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. It may contain hazardous ingredients. Please refer to the Safety Data Sheets (SDS) for additional information and proper handling procedures. Dispose product remainders according to local regulations. This datasheet is as accurate as reasonably achievable, but Exalpha Biologicals accepts no liability for any inaccuracies or omissions in this information.

### **Warranty**

The products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, that extend beyond the description on the label of the product.

Exalpha`s sole liability is limited to either replacement of the products or refund of the purchase price. Exalpha is not liable for property damage, personal injury, or economic loss caused by the product.

**Safety Datasheet(s) for this product:**

NM\_Sodium Azide