



# 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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Product datasheet MON1193F

**MONOSAN**<sup>®</sup>

Mouse anti-CD38, clone HIT2, FITC (Monoclonal)

Clone no. HIT2

MONOSAN

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Product name Mouse anti-CD38, clone HIT2, FITC (Monoclonal)

Host Mouse

Applications FC

Species reactivity Human

Conjugate FITC

Immunogen Human CD38

Isotype IgG1

Clonality Monoclonal

Clone number HIT2

Size 0.5 ml

Concentration n/a

Format -

Storage buffer PBS with 4mg/ml BSA and 0.1% sodium azide

Storage until expiry date 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Mouse anti-CD38, clone HIT2, FITC (Monoclonal)

Clone no. HIT2

MONOSAN

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**Additional info**

CD38 (NAD<sup>+</sup> glycohydrolase) is a type II transmembrane glycoprotein able to induce activation, proliferation and differentiation of mature lymphocytes and mediate apoptosis of myeloid and lymphoid progenitor cells. CD38 functions as a multi-catalytic ectoenzyme serving as ADP-ribosyl cyclase, cyclic ADP-ribose hydrolase and possibly NAD<sup>+</sup> glycohydrolase or as a cell surface receptor. Antibodies to CD38 are useful in subtyping of lymphomas and leukemias, detection of plasma cells (i.e. identification of myelomas), and as a marker for activated B and T cells.

**References**

1. de Oliveira AL et al. Immunol 2013
2. Zhang et al. Exp Hematol 2000
3. Grammer AC et al. J Immunol 1999
4. Denning-Kendall PA et al. Brit J of Haematol 1999
5. Hryhorenko EA et al. Photochem and photobiol 1998

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