



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product datasheet                      MON9970

**MONOSAN**<sup>®</sup>

Mouse anti-CD109, clone EBS-CD-046 (Monoclonal)

Clone no.                      EBS-CD-

MONOSAN

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Product name                      Mouse anti-CD109, clone EBS-CD-046 (Monoclonal)

Host                                      Mouse

Applications                      FC, IHC-fr, IF

Species reactivity                      human, monkey

Conjugate                              -

Immunogen                              recombinant human CD109.

Isotype                                  IgG2a-K

Clonality                                Monoclonal

Clone number                              EBS-CD-046

Size                                        100 ug

Concentration                              100 ug/ml

Format                                      -

Storage buffer                              PBS with 0.02% sodium azide

Storage until expiry date                      2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Mouse anti-CD109, clone EBS-CD-046 (Monoclonal)

Clone no. EBS-CD-046

MONOSAN

**Additional info**

CD109 is a GPI-anchored member of the alpha-2-macroglobulin (A2M) and complement family of proteins. It is expressed on activated T-cells, platelets, hematopoietic stem cells, megakaryocyte precursors, vascular endothelial cells, basal and myoepithelial cells of secretory glands, and squamous cell carcinomas. A 170-180 kDa precursor is autocatalytically reduced to 150 kDa and 120 kDa forms. On keratinocytes CD109 binds TGF-beta and associates with TGFbeta RI and TGF-beta RII, resulting in inhibition of TGF-beta signalling. Polymorphisms of CD109 include the platelet-specific Gov antigen and the blood group ABH antigens. Alloantibodies directed against these antigens result in unsuccessful platelet transfusions, neonatal alloimmune thrombocytopenia, and post-transfusion purpura.

**References**

1. Emori M, et al, PLoS One 8(12): e84187 (2013)
2. -
3. -
4. -
5. -

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