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Lieferung & Zahlungsart

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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

www.szabo-scandic.com

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

Anti-Mouse CD49d In Vivo Antibody (PS/2) - Low Endotoxin ICH1200

Product Information

Catalog Number: ICH1200
Product: Low Endotoxin, anti-mouse
Target: CD49d
Clone: PS/2
Isotype: Rat IgG2b kappa
Other names: VLA-4 α , ITGA4, Integrin α 4

Host: Rat
Species Reactivity: Mouse, Human
Specificity: PS/2 activity is directed against mouse CD49d and is cross reactive against human CD49d.

Purification method: This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Antigen Distribution: CD49d is expressed on T cells, B cells, NK , dendritic cells, thymocytes, monocytes, eosinophils, mast cells.

Immunogen: PS/2 was generated by immunizing Fisher rats with P815 cells and subsequently fusing the spleen cells with Sp2/0.

Concentration: ≥ 2.0 mg/ml

Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.

Purity: $>95\%$ by SDS-PAGE

Endotoxin: <1.0 EU/mg as determined by the LAL method

Aggregation: Aggregation level $\leq 5\%$

Storage: This antibody is stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications: Depletion, Flow Cytometry, Immunofluorescence, Immunohistochemistry

Application Notes: Each investigator should determine their own optimal working dilution for specific applications.

Background:

Hybridoma supernatants were screened by cell adhesion assay and cells producing blocking antibodies were cloned. Adhesion is blocked in a dose dependent manner when PS/2 is used with P815 and +/+ 2.4 stromal cells. 70Z/3 cells are also sensitive to PS/2 inhibition. PS/2 is known to block binding of CD49d to its ligands. Lymphocyte production is completely blocked when PS/2 is included in Whitlock-Witte culture.