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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 CD71 In Vivo Antibody (OX-26) - Low Endotoxin ICH1197

Product Information

Catalog Number: ICH1197
Product: Low Endotoxin, anti-mouse
Target: CD71
Clone: OX-26
Isotype: Mouse IgG2a

Host: Mouse
Species Reactivity: Mouse, Rat
Specificity: Clone OX-26 reacts with rat CD71 (TfR1).

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: CD71 is expressed on the surface of proliferating cells, reticulocytes, and erythroid precursors.

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

Background:

CD71 is a transferrin receptor on the cell surface that mediates the uptake of transferrin-iron complexes, thereby mediating cellular proliferation. CD71 is a homodimeric glycoprotein containing 760 amino acids and it binds to diferric transferrin. Binding by diferric transferrin causes CD71 to be internalized, and diferric iron is subsequently released. CD71 is highly expressed on malignant cells, as iron uptake is necessary for aberrant cell proliferation.