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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

www.szabo-scandic.com

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

Technically
Speaking

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Conveniently Delivering You Today's Innovations
for the Science of Tomorrow™

Purified Mouse Monoclonal to IgG (Fab)

CLX162AP

Lot:

Size: 0.1 mg

Clone: 4A11

Isotype: Mouse IgG2b

Specificity: The antibody 4A11 reacts with Fab fragment of human IgG.

Application: Flow Cytometry
Western Blotting
ELISA

Purity: > 95% (by SDS-PAGE)

Purification: Purified from ascites by precipitation methods and ion exchange chromatography.

Concentration: 1 mg/ml

Storage Buffer: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4

Storage / Stability: Store at 2-8°C. Do not use after expiration date stamped on vial label. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

Background: Immunoglobulin G (IgG) is a 150 kDa soluble protein that serves as a major effector molecule of the humoral immune response in man. Its concentration in blood plasma of healthy individuals is approximately 10 g/l, which accounts for about 75% of the total plasma immunoglobulins. IgG has the highest stability of blood immunoglobulins (T_{1/2} = 21 days) and is able of placental transfer. IgG is secreted by plasma cells at a comparably high rate as other immunoglobulins.

Continued...

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References:

*Franklin EC: Structure and function of immunoglobulins. Acta Endocrinol Suppl (Copenh). 1975;194:77-95.

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*Brinkmann V, Heusser CH: T cell-dependent differentiation of human B cells into IgM, IgG, IgA, or IgE plasma cells: high rate of antibody production by IgE plasma cells, but limited clonal expansion of IgE precursors. Cell Immunol. 1993 Dec;152(2):323-32.

Laboratory Reagent For Research Use Only

BA 04/03/12