



# 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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### Purified Mouse Anti-IgM Monoclonal Antibody

CLX267AP

<b>Size:</b>	0.1 mg
<b>Concentration:</b>	1 mg/ml
<b>Clone:</b>	CH2
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	The antibody CH2 reacts with Fc fragment of human IgM.
<b>Immunogen:</b>	Purified human IgM.
<b>Species Reactivity:</b>	Human
<b>Application:</b>	<b>Western Blotting</b> <b>Flow Cytometry</b> <b>Recommended dilution:</b> 1 µg/ml <b>Immunocytochemistry</b> <b>ELISA</b>
<b>Purity:</b>	> 95% (by SDS-PAGE)
<b>Purification:</b>	Purified by precipitation and chromatography
<b>Storage Buffer:</b>	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4.
<b>Storage / Stability:</b>	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
<b>Background:</b>	Immunoglobulin M (IgM) is produced as a 900 kDa pentamer, which is an efficient complement binder. This antibody type is produced initially in the immune response and it is the first immunoglobulin class to be synthesized by a fetus or newborn. IgM antibodies do not cross the placenta. IgM concentration in blood is 0.12 g/l and its biological survival (plasma T1/2) is 5 days.

*Continued Overleaf.....*

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**References:**

- \*Franklin EC: Structure and function of immunoglobulins. Acta Endocrinol Suppl (Copenh). 1975;194:77-95.
- \*Fuller JM, Keyser JW: Serum immunoglobulins after surgical operation. Clin Chem. 1975 May;21(6):667-71.
- \*Balogh Z, Merétey K, Falus A, Bozsóky S: Serological abnormalities in juvenile chronic arthritis: a review of 46 cases. Ann Rheum Dis. 1980 Apr;39(2):129-34.
- \*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**

JK 07/24/17