



SZABO SCANDIC

Part of Europa Biosite

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

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Ig Lambda Chain, human

 nordicmubio.com/products/ig-lambda-chain-human/IG515

Catalog number: **IG515**

Clone	HP-6054
Isotype	IgG2a
Units	5 ml
Host	Mouse
Application	Immunohistochemistry (frozen) Immunohistochemistry (paraffin)

Background

The anti-lambda antibody may be used for the detection of abnormal immunoglobulin production, e.g.. monoclonal gammopathy with increased production of both free and bound lambda chains. In this context the differentiation from kappa light chains or heavy chains is of importance. The antibody stains B-cells in lymphoidal tissue and peripheral blood as well as plasma cells expriming lambda chains (especially useful in formaldehyde-fixed paraffin sections). Reed-Sternberg-Cells may be stained if exogenous Ig has been absorbed. The antibody may be helpful for the detection of the monoclonal nature of lymphoidal neoplasms. Immunoglobulins are composed of heavy and light chains and the light chains may be of the kappa or lambda type. In humans app. 35% of light chains are lambda chains. In gammopathy these light chains can occur in high concentration as free lambda chains. Human lambda light chain (free and bound), no cross-reactivity with kappa chains.

Source

Immunogen: Purified human myeloma-IgG polyaminostyrene conjugate

Product

Antibody solution in stabilizing phosphate buffer pH 7.3. Contains 0.09 % sodium azide**. The volume is sufficient for at least 50 immunohistochemical tests (100 µl working solution / test). Use appropriate antibody diluent e.g. BIOLOGO Art. No. PU002, if further dilution is required.

Purification Method: Antibody solution in stabilizing phosphate buffer pH 7.3. Contains 0.09 % sodium azide**. The volume is sufficient for at least 50 immunohistochemical tests (100 µl working solution / test). Use appropriate antibody diluent e.g. BIOLOGO Art. No. PU002, if further dilution is required.

Secondary Reagents: We recommend the use of BIOLOGO's Universal Staining System DAB (Art. No. DA005) or AEC (Art.-No. AE005).

Specificity

Species Reactivity: Human

Applications

IHC(C, P)

Incubation Time: 60 min at RT

Working Concentration: (RTU) neat

Pre-Treatment: Pre-treatment with pronase 0,1% (Art. No. DE110) or unmasking fluid G (Art. No. DE007)

Positive Control: Tonsil

Storage

2-8°C

Caution

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. It may contain hazardous ingredients. Please refer to the Safety Data Sheets (SDS) for additional information and proper handling procedures. Dispose product remainders according to local regulations. This datasheet is as accurate as reasonably achievable, but Exalpha Biologicals accepts no liability for any inaccuracies or omissions in this information.

References

1. N. Leung, S. V. Rajkumar (2007) Renal Manifestations of Plasma Cell Disorders. American Journal of Kidney Diseases 50; 155-165
2. Markowitz GS (2004) Dysproteinemia and the kidney. Adv Anat Pathol 11:49-63

Safety Datasheet(s) for this product:

NM_Sodium Azide