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

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Product datasheet

CD68 (KP1) Macrophages, human

nordicmubio.com/product/cd68-kp1-macrophages-human

Catalogue number: **CD68KP1-0.5**

Clone	KP1
Isotype	IgG1, k
Product Type	Primary Antibodies
Units	0.5 ml
Host	Mouse
Application	Immunohistochemistry (frozen) Immunohistochemistry (paraffin)

Background

The antibody KP1 is well suited for the detection of tissue macrophages including Kupffer cells and spleen macrophages. CD68 is expressed on macrophages and monocytes. KP-1 is important for identifying macrophages in tissue sections. It stains macrophages in a wide variety of human tissues, including Kupffer cells and macrophages in the red pulp of the spleen, in lamina propria of the gut, in lung alveoli, and in bone marrow. KP-1 reacts with myeloid precursors and peripheral blood granulocytes. It also reacts with plasmacytoid T cells which are supposed to be of monocyte/macrophage origin. It shows strong granular cytoplasmic staining of chronic and acute myeloid leukemia and also reacts with rare cases of true histiocytic neoplasia. Tumors of lymphoid origin are usually not stained. CD68 transmembran glycoprotein MW 110 kDa, localised in macrophages.

Source

Immunogen: Subcellular fraction of human alveolar macrophages

Product

Purified antibody with 0.2% BSA and 15 mM sodium azide as preservative

Purification Method: Purified antibody with 0.2% BSA and 15 mM sodium azide as preservative

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, monkey, cat and rat. Does not react with pig, dog and chicken

Applications
IHC(C, P)

Incubation Time: 60 min at RT

Working Concentration: (liquid conc.) 1:100-1:200

Pre-Treatment: Unmasking with Pronase (Art. No. DE110)

Positive Control: Tonsil, spleen, lymph node

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 Nordic-MUbio accepts no liability for any inaccuracies or omissions in this information.

References
1. Fukuda M. (1991) Lysosomal membrane glycoproteins. Structure, biosynthesis, and intracellular trafficing. J. Biol. Chem. 266; 21327-21330. 2. Holness C.I. and Simmons D.L. (1993) Molecular cloning of CD68, a human macrophage marker related to lysosomal glycoproteins. Blood 81; 1607-1613. 3. Pulford KAF, Rigney EM, Micklem KJ, Jones M, Stross WP, Gatter KC, et al. (1989) KP1: a new monoclonal antibody that detects a monocyte/macrophage associated antigen in routinely processed tissue sections. J Clin Pathol;42:414-21. 4. Warnke RA, Pulford KAF, Pallesen G, Ralfkiaer E, Brown DC, Gatter KC, et al. (1989) Diagnosis of myelomonocytic and macrophage neoplasms in routinely processed tissue biopsies with monoclonal antibody KP1. Am J Pathol;135:1089-95.

Safety Datasheet(s) for this product:
NM_Sodium Azide
/wp-content/uploads/SDS/Antibody SDS with Sodium Azide Noridic-MUbio.pdf