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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Biotin Mouse Anti-Rat Granulocytes

CL89152B

DESCRIPTION: Cedarlane's **CL89152B** detects all rat granulocytes in frozen rat tissue sections. The antigen is localized on the cell surface. The epitope has not been further characterized.

Antigen Distribution:

Isolated Cells:

Only a low percentage of cells from peripheral blood stains positive. Positive on peritoneal cells 18h after thioglycollate injection (95% granulocytes). Negative on peritoneal cells 4 days after thioglycollate injection.

Negative on isolated lymphocytes, monocytes, erythrocytes, and platelets.

PRESENTATION: 150 µg, affinity purified, biotinylated, lyophilized. Reconstitute in 0.5 ml distilled water. This stock solution contains 0.3 mg/ml IgG, PBS (pH 7.2), 10 mg/ml bovine serum albumin (BSA) as a stabilizer, and 0.01% Thimerosal as a preservative.

SPECIFICITY: Detects rat pan granulocytes. It is negative for human.

CLONE: RK-4

ISOTYPE: Mouse IgG₁

APPLICATIONS: Tested for immunohistochemistry (IHC); has been described to work in FACS.

WORKING DILUTIONS: Frozen sections: 0.75 µg/ml (1:400).

Paraffin sections: does not react on routinely processed paraffin sections.
For FACS, 1:50 to 1:100.

Positive control: Rat spleen, blood smears

STORAGE/STABILITY: Original vial: 1 year at 4-8°C.

Stock solution or aliquot: 1 year at -20°C. Avoid repeated freeze/thaw.

IMMUNOGEN: Peritoneal cells.

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TISSUE STAINING:

RK-4 reaction pattern:

<i>Tissues Tested</i>	<i>Results</i>
Bone Marrow	positive on granulocytes positive on granulocyte precursors positive on segmented cells positive on band cells positive on metamyelocytes positive on myelocytes
Lung	negative on alveolar macrophages; interstitial tissues are occasionally positive.
Kidney	negative; on perivascular granulocytes occasionally positive.
Skin	negative; on perivascular granulocytes occasionally positive.
Liver	negative; on perivascular granulocytes occasionally positive.
Blood vessel wall	negative

REFERENCES:

F. Steinhausen, H. Xu, H.J. Peters: A monoclonal Antibody Selectively Recognizing Rat Granulocuts. Immunobiol: 181: 324 (1990)

Laboratory Reagent For Research Use Only