



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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CD56. Mouse Monoclonal Antibody
CD56, NCAM1, Neural Cell Adhesion Molecule

BACKGROUND

CD56, M.W. 150,000, is expressed on approximately 10-25% of human peripheral blood lymphocytes. CD56 (NKH-1) is expressed on human peripheral blood natural killer cells, representing a pan NK-cell antigen. Expressed on non-MHC-restricted cytotoxic T cells.

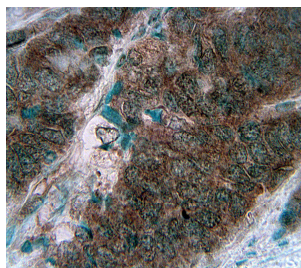
Exalpa's CD56, clone C5.9 has been recognized as the superior CD56 antibody for Flow Cytometry applications because of its specific and intense staining. In fact, our CD56 is bright enough to be used in FITC! Now this antibody is proven to work in formalin fixed paraffin embedded section.

Available concentrated, pre-diluted in dropper bottles, or conjugated to several fluorochromes for manual use or automated applications.

IMMUNOGEN

Derived from the hybridization of mouse Sp2/0 myeloma cells with spleen cells from BALB/c F1 mice immunized with KG1a cell line.

Formalin-fixed, paraffin-embedded human neuroblastoma stained with Exalpa's CD56, clone C5.9 at 2 ug/ml using peroxidase-conjugate and DAP chromogen. Cell membrane staining of tumor cells is clearly evident. High-temperature heating was used as the retrieval protocol, pressure cooker with citrate buffer, pH 6.5, for 10 min. Exalpa's anti-CD56, clone C5.9, was added at 2 ug/ml for 1 hour at room temperature followed by anti-Mouse HRP for 30 minutes at room temperature. Staining was visualized using DAP and methyl green counter stain.



ORDERING INFORMATION

CATALOG NUMBER

0561s

SIZE

25 µg

FORM

Unconjugated

HOST/CLONE

Mouse Clone C5.9

FORMULATION

Filtered includes 0.08% azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG2b

APPLICATIONS

IHC (Paraffin), Flow Cytometry

SPECIES REACTIVITY

Human

ACCESSION NUMBER

Human P13591

POSITIVE CONTROL/TISSUE EXPRESSION

Human neuroblastoma

COMMENTS

Antibody can be used for Immunohistochemistry (2-5 $\mu\text{g/ml}$, formalin-fixed, paraffin embedded tissues). Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Protein A/G Chromatography

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C . Aliquot to avoid freeze/thaw cycles

STABILITY

Reagents are stable for the period shown on the vial label when stored properly

REFERENCES

1. Muench, Marcus O., et al. Isolation of Definitive Zone and Chromaffin Cells Based upon Expression of CD56 (Neural Cell Adhesion Molecule) in the Human Fetal Adrenal Gland, The Journal of Clinical Endocrinology & Metabolism, 2003, Vol 88(8) Pages 3921-3930,

PRODUCT SPECIFIC REFERENCES