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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CD95. Mouse Monoclonal Antibody

APT1, Apo-1 antigen, FAS1, FASLG receptor, TNFRSF6, Tumor necrosis factor receptor superfamily member 6

Background

CD95, also known as FAS or APO1, is a 36 kDa cell surface type I membrane glycoprotein with an apparent molecular weight of 44 kDa on SDS PAGE. CD95 is a member of the TNF receptor family, which includes TNFR1, TNFR2, CD27, CD30 and CD40. Binding of CD95 Ligand to CD95 or crosslinking of CD95 by anti CD95 monoclonal antibodies leads to apoptosis of CD95 expressing cells. CD95 belongs to a subgroup of family members that have a death domain (DD) which contains 70 amino acids near the carboxyl terminal region of the molecule. The binding of adaptor molecules to this DD is responsible for transmitting the death signal for apoptosis. Stimulation of CD95 results in aggregation of its DD, leading to the recruitment of FADD and caspase 8 that together with the receptor form the death inducing signaling complex (DISC). CD95/CD95L is involved in the peripheral deletion of activated mature T cells at the end of the immune response and defects in this pathway predispose to autoimmune disorders. CD95 is also involved in killing of targets such as virus infected cells or cancer cells and killing of inflammatory cells at immune privileged sites.

Ordering Information

Catalog Number
X2785M

Size
100 µg

Form
Unconjugated

Host/Clone
Mouse Clone B-R18

Formulation
Provided as solution in phosphate buffered saline with 0.08% sodium azide

Concentration
See vial for concentration

Isotype
IgG1

Applications
Flow Cytometry

Species Reactivity
Human

Accession Number
P25445, Human

Immunogen

Hybridoma produced by the fusion of splenocytes from BALB/c mice immunized with purified recombinant Fas antigen and fused with X63/Ag.8653 mouse myeloma cells

Positive Control/Tissue Expression

This antibody clone B-R18 specifically recognizes CD95. B-R18 reacts with peripheral lymphocytes and especially with peripheral monocytes. It stains human B cell lines like pre-B cells, EBV cells, Burkitt cells and plasmacytoma cells. It also binds to human T cell lines, myeloid cell lines, hepatocyte carcinoma and endothelial cells.

Comments

Antibody can be used for flow cytometry. Optimal concentration should be evaluated by serial dilutions.

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Purification

Protein A/G Chromatography

Ship Conditions

Ship at ambient temperature, freeze upon arrival

Storage Customer

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

Stability

Products are stable for one year from purchase when stored properly

References

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10) Differential CD95 expression and function in T and B lineage acute lymphoblastic leukemia cells. Author : Karawajew L; Wuchter C; Ruppert V; Drexler H; Gruss HJ; D¨orken B; Ludwig W. D. Source : Leukemia, 11(8):1245-52 1997 Aug

Product Specific References

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