abcam

ab317731

Alexa Fluor® 700 Anti-CD30 antibody [MEM-268]

Anti-CD30 antibody [MEM-268] conjugated to Alexa Fluor® 700 - suitable for flow cytometry, and reacts with human samples. Clone [MEM-268] is a mouse monoclonal antibody.

Design your panel with our interactive flow cytometry panel builder. Click here.

Key facts

Isotype	IgG2a
Host species	Mouse
Conjugation	Alexa Fluor® 700
Excitation/Emission	Ex: 702nm, Em: 723nm
Storage buffer	pH: 7.4 Preservative: 0.0975% Sodium azide Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Cell preparation containing TNFRSF8 protein. Database link P28908
Clone number	MEM-268
Purification technique	Size-exclusion chromatography
Specificity	This antibody recognizes extracellular part of CD30 (Ki-1 antigen), a 105 kDa single chain glycoprotein expressed on Hodgkin's and Reed-Sternberg cells; it is also found in Burkitt's lymphomas, virus-infected T and B lymphocytes, and on normal B and T lymphocytes after activation (T lymphocytes that produce Th2-type cytokines and on CD4+/CD8+ T lymphocytes that co-express CD45RO and the IL4 receptor).
Light chain type	kappa

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	4 µL for 10^6 Cells
Notes	The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10^6 cells in suspension.

Target data

See full target information TNFRSF8

Function	Receptor for TNFSF8/CD30L (PubMed:8391931). May play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Regulates gene expression through activation of NF-kappa-B (PubMed:8999898).

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C
Storage information	Store in the dark

Notes

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Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

We do not recommend this combination. It is not covered by our product promise.

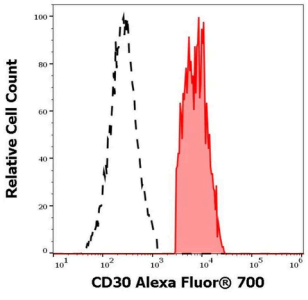
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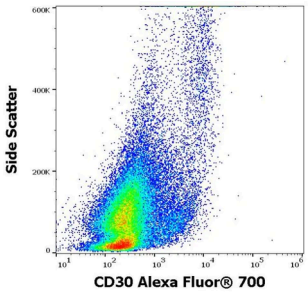
2 product images



Flow Cytometry - Alexa Fluor® 700 Anti-CD30 antibody [MEM-268] (ab317731)

CD30 Flow Cytometry staining using mouse Anti-CD30 antibody

Flow cytometry analysis of human PHA stimulated peripheral blood mononuclear cells labeling CD30 positive cells (Red) using ab317731. Surface staining.
Control: CD30 negative cells (Black).



Flow Cytometry - Alexa Fluor® 700 Anti-CD30 antibody [MEM-268] (ab317731)

CD30 Flow Cytometry staining using mouse Anti-CD30 antibody

Flow cytometry analysis of human PHA stimulated peripheral blood mononuclear cells labeling CD30 using ab317731 . Surface staining.

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