

Mouse anti-Human CD30 Monoclonal Antibody | anti-CD30 antibody

anti-human CD30-R-PE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14859	Mouse	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD30; Monoclonal Antibody; anti-human CD30-R-PE; Monoclonal anti-human CD30(Ki-1)/R-PE; anti-CD30 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b?
Clone Number	AC10
Form/Format	50 mM Sodium Phosphate pH 7.5, 500 mM Potassium Chloride, 150mM NaCl, 15% Glycerol, 0.2% BSA, 0.04% NaN ₃ (as preservative).
Applicable Applications for anti-CD30 antibody	FCM/FACS (Flow Cytometry)
Application Notes	Working Dilution: 1:50 (or use 1.6 ul of concentrated stock per 5 x 10 ⁵ -cell test)
Performance	Five x 10 ⁵ cultured CEM human tumor cells were washed and incubated 45 minutes on ice with 80 ul of anti-CD30/R-PE at a 1:50 dilution (10ug/ml). Cells were washed three times, fixed and analyzed by FC. Cells stained positive with a mean shift of 0.51 log ₁₀ fluorescent units when compared to a Mouse IgG2b/PE negative control. Binding was blocked when cells were pre incubated 10 minutes with 20 ul of 0.5 mg/ml anti-CD30 antibody
Production	Protein A purified antibody from tissue culture supernatant was conjugated to R-Phycoerythrin through a sulfo-ester linkage. Unconjugated antibody was removed using size exclusion chromatography. Antibody conjugate is at 0.75 mg/ml with a PE : mAb molar ratio of 0.61.
QC Test Method	FC Binding to CEM cells: Specification: >0.4 log shift ; Result: 0.82 log shift.
Preparation and Storage	Store at 2 - 5°C. Do not freeze! Protect from light.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CD30 antibody	Information: Human CD30 is a member of the tumor necrosis factor (TNF) receptor family and is expressed on mitogen activated B and T cells. Antibody AC10 recognizes the CD30 molecule of about 120 kd.
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References

M.A. Bowen, et al, (1993) J Immunol 151: 5896-5906. Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford, (1995) p. 1115-1122. B. Falini, et al, (1995) Blood 85: 1-14.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd30-antibody-clone-ac10-flow-cytometry-elisa/14859>