

Mouse anti-Human, Pig CD75 Monoclonal Antibody | anti-CD75 antibody

anti-human CD75-Purified Preservative Free

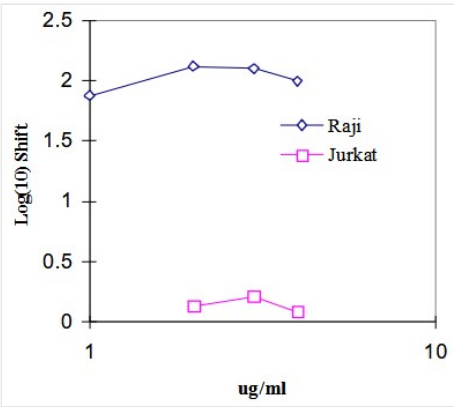
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78147	Mouse	Human, Pig	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD75; Monoclonal Antibody; anti-human CD75-Purified Preservative Free; Monoclonal anti-human CD75; anti-CD75 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgM
Clone Number	LN1
Purity/Purification	Purified Preservative Free
Form/Format	50 mM Sodium Phosphate pH 7.5, 500 mM Potassium Chloride, 150mM NaCl
Concentration	1.0 mg/ml (varies by lot)
Applicable Applications for anti-CD75 antibody	FCM/FACS (Flow Cytometry)
Performance	Five x 10 ⁵ cultured human Raji cells were washed and incubated 45 minutes on ice with 80 µl of anti-CD75 antibody at 5 µg/ml. Cells were washed twice and incubated with 2 degree reagent Goat anti-Mouse IgG/FITC . They were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of 2.12 log ₁₀ fluorescent units when compared to a Mouse IgM negative control at a similar concentration.
Production	Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Purity was >95% Immunoglobulin by SDS-PAGE and contains less than 1% Bovine Immunoglobulin. Product was 0.2 µm filtered and vialled under aseptic conditions.
Buffer	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl.
Immunogen	PMA stimulated PBL
Preparation and Storage	Store at 2 - 5 degree C. Freeze/Thawing is not recommended. Open under aseptic conditions. Product should retain activity for at least 12 months after shipping date when stored as recommended.



Application Data
Binding of anti-CD75 antibody to human cell lines

ADDITIONAL INFORMATION

Related Product Information for anti-CD75 antibody	Information: Human CD75 is an alpha 2, 6-sialylated carbohydrate molecule found mainly on mature B cells and germinal center B cells. CD75 appears to be a ligand for CD22. Antibody LN1 recognizes a molecule of about 53 kd.
References	(1) A.L. Epstein, et al, (1984) J Immunol 133:1028-1036. (2) Leukocyte Typing IV (W. Knapp, et al, eds.) Oxford University Press, Oxford, (1989) p. 109-112. (3) Leukocyte Typing VI (T. Kishimoto, et al, eds.) Garland Publishing, Inc., New York (1997) p. 169-171.

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.