

anti-Human CD75 Antibody | anti-CD75 antibody

Anti-Hu CD75 FITC

CATALOG # AAA129231	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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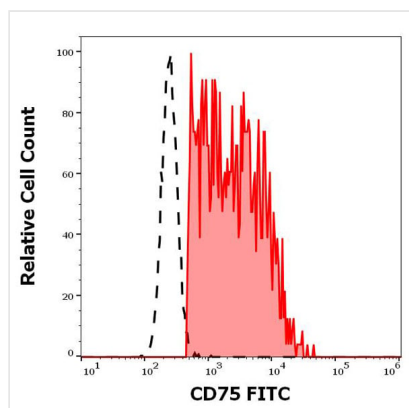
PRODUCT SYNONYMS

CD75; Anti-Hu CD75 FITC; lactosamine; anti-CD75 antibody

PRODUCT SPECIFICATIONS

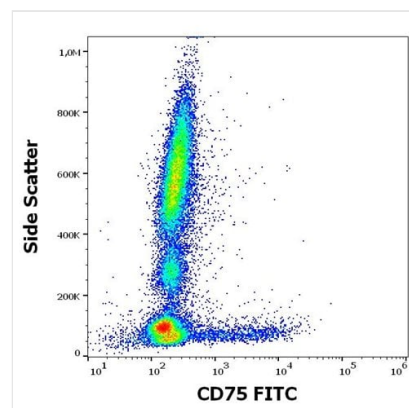
Reactivity	Human
Isotype	Mouse IgM kappa
Clone Number	LN1
Specificity	The mouse monoclonal antibody LN1 recognizes CD75, a lactosamine structure present mainly on the surface of B cell types.
Form/Format	FITC Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. Stabilizing Tris buffered saline (TBS), pH 8.0, 15 mM
Applicable Applications for anti-CD75 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Stimulated human PBL
Preparation and Storage	Store at 2-8 degree C. Protect from prolonged exposure to light. Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Separation of human CD75 positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD75 (LN1) PE antibody (4 μ l reagent / 100 μ l of peripheral whole blood).



FCM/FACS (Flow Cytometry)

Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD75 (LN1) PE antibody (4 μ l reagent / 100 μ l of peripheral whole blood).

ADDITIONAL INFORMATION

Related Product Information for anti-CD75 antibody	CD75 is a lactosamine structure, which is present mainly on the surface of germinal center B cells. With lower level it is present on other mature B cells, and it is downregulated during differentiation to plasma cells. It is a marker which differentiates between malignant B cell types.
References	*Fromm JR, Thomas A, Wood BL: Characterization and purification of neoplastic cells of nodular lymphocyte predominant hodgkin lymphoma from lymph nodes by flow cytometry and flow cytometric cell sorting. Am J Pathol. 2017 Feb;187(2):304-317., URL: https://pubmed.ncbi.nlm.nih.gov/27998726/ ,*Epstein AL, Marder RJ, Winter JN, Fox RI: Two new monoclonal antibodies (LN-1, LN-2) reactive in B5 formalin-fixed, paraffin-embedded tissues with follicular center and mantle zone human B lymphocytes and derived tumors. J Immunol. 1984 Aug;133(2):1028-36., URL: https://pubmed.ncbi.nlm.nih.gov/6376628/ ,*Virtanen S, Schulte R, Stingl J, Caldas C, Shehata M: High-throughput surface marker screen on primary human breast tissues reveals further cellular heterogeneity. Breast Cancer Res. 2021 Jun 13;23(1):66., URL: https://pubmed.ncbi.nlm.nih.gov/34120626/ ,

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://www.aaabiotech.com/human-antibody/cd75/129231>