Mouse anti-Human CD137L Monoclonal Antibody | anti-CD137L antibody

anti-human CD137L-Purified Preservative Free

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78159	**Mouse**	**Human**	**Western Blot, ELISA, Flow Cytometry, Functional Assay**

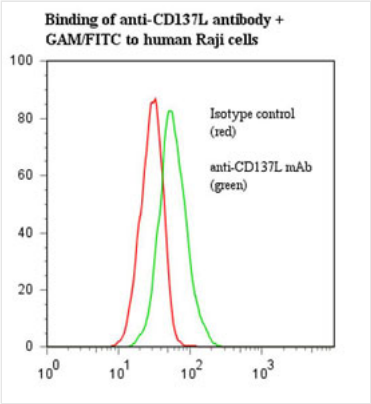
PRODUCT SYNONYMS

CD137L; Monoclonal Antibody; anti-human CD137L-Purified Preservative Free; Monoclonal anti-human CD137 L (4-1BB Ligand); anti-CD137L antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Murine IgG2a, kappa
Clone Number	ANC5D6
Purity/Purification	Purified Preservative Free
Form/Format	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl
Concentration	1.0 mg/ml (varies by lot)
Applicable Applications for anti-CD137L antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Performance	Five x 10^5 cultured Raji human tumor cells were incubated 45 minutes on ice with 80 ul of anti-CD137L antibody at 10 ug/ml. Cells were washed twice and incubated with 2 degree reagent Goat anti-Mouse IgG/FITC, fixed and analyzed by FACS. Cells stained positive with a mean shift of 0.29 $\log_{10}$ fluorescent units when compared to a Mouse IgG2a 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 um filtered and vialed under aseptic conditions.
Buffer	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl.
Immunogen	Recombinant human CD137L
Preparation and Storage	Store at 2 - 5°C. Open under aseptic conditions. Freeze/Thawing is not recommended. Product should retain activity for at least 6 months after shipping date when stored as recommended

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CD137L antibody	**Information:** Human CD137 Ligand is a type II transmembrane protein constitutively expressed by monocytes, B cells neuroblastoma cells (1), and some activated T cells. The interaction of CD137 (4-1BB) and CD137L can supply a costimulatory signal to T cells through CD137. This costimulus seems to be more effective for CD8+ effector T cells than for CD4+ helper T cells (3). The interaction can also effect a reverse signal, inducing monocyte activation (2), or T cell inactivation and programmed death (4) through CD137L. Anti-CD137L antibody binds to CD137L present on Raji and U-937 cells, and also binds to recombinant CD137L-muCD8 in EIA. This antibody does not block the interaction between CD137 and CD137L.
References	1) M.R. Alderson, et al, (1994) Eur J Immunol 24: 2219-2227. 2) J. Langstein, et al, (1998) J Immunol 160: 2488-2494. 3) V.Y. Taraban, et al, (2002) Eur J. Immunol. 32: 3617-3627. 4) H. Schwartz, et al, (1996) Blood 87: 2839. 5) G. Zhu, et al, (2001) J Immunol 167: 2671-6.

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/cd137l-antibody-clone-anc5d6-western-blot-flow-cytometry-elisa/78159