

Mouse anti-Human CD152 Monoclonal Antibody | anti-CD152 antibody

anti-human CD152-R-PE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78174	Mouse	Human	Flow Cytometry, Functional Assay

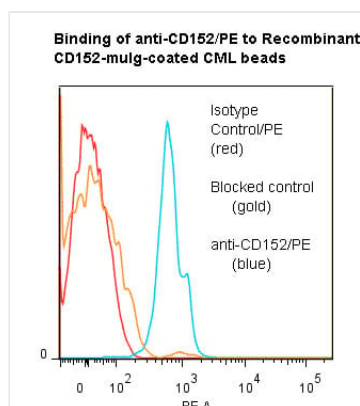
PRODUCT SYNONYMS

CD152; Monoclonal Antibody; anti-human CD152-R-PE; Monoclonal anti-human CD152 (CTLA-4)/R-PE; anti-CD152 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1?
Clone Number	ANC152.2/8H5
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 a preservative).
Applicable Applications for anti-CD152 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Stimulated human PBL's and human CD152 Ig fusion protein
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 0.5 mg/ml with an A ₅₆₅ /A ₂₈₀ ratio of 3.81.
Performance	Anti-CD152/PE was tested for binding to CD152-mulg-coated 4u beads in FACS (Inquire). Five x 10 ⁵ CD152-mulg coated beads per tube were spun down and incubated 45 minutes at 4°C with 80ul of anti-CD152/PE at a 1:50 dilution (10ug/ml). Tubes were washed twice, fixed and analyzed by FACS. Beads stained positive with a mean shift of 2.48 log ₁₀ fluorescent units when compared to a Mouse IgG1/PE Isotype control. Binding was blocked when beads were pre incubated 10 minutes with 20 ul of 0.5 mg/ml anti-CD152 antibody
Preparation and Storage	Store at 2 - 5°C. Freeze/Thawing is not recommended. Protect from light.

IMAGES



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-CD152 antibody	Human CD152 (CTLA-4) is a cell surface glycoprotein expressed at low levels on activated T cells. CD152 is a high affinity receptor for the costimulatory molecules CD80 (B7-1) and CD86 (B7-2) and appears to function as a negative regulator of T cell activation. Antibody ANC152.2 reacts with CTLA-4 expressed on activated T cells. ANC152.2 blocks binding of CD152 (CTLA-4) Ig fusion protein to its CD80/CD86 receptor.
References	T. Lindsten, et al, (1993) J Immunol 151: 3489-3499. T.L. Walunas, et al, (1994) Immunity 1:405-413. N.J. Karandikar, et al, (1996) J Exp Med 184: 783-788. A. Kitani, et al, (2000) J Immunol 165: 691-702.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd152-antibody-clone-anc152-2-8h5-flow-cytometry-elisa/78174>