

Hamster anti-Mouse alpha/beta TCR Monoclonal Antibody | anti-alpha/beta TCR antibody

Anti-Mouse alpha/beta TCR, Biotin (Clone H57-597) (hamster IgG)

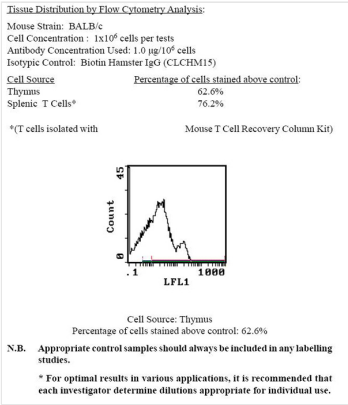
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74128	Hamster	Mouse	Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

alpha/beta TCR; Monoclonal Antibody; Anti-Mouse alpha/beta TCR; Biotin (Clone H57-597) (hamster IgG); Biotin Anti-Mouse ab TCR Monoclonal Antibody; anti-alpha/beta TCR antibody

PRODUCT SPECIFICATIONS

Host	Hamster
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Hamster IgG
Clone Number	H57-597
Specificity	Alpha/Beta TCR (Mouse ab TCR)
Form/Format	Biotin (Biotin conjugated Ig buffered in PBS, 0.02% NaN ₃ and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml. (Purified from ascitic fluid via Protein G Chromatography))
Concentration	Antibody Concentration: 0.1 mg/ml (varies by lot)
Applicable Applications for anti-alpha/beta TCR antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Immunogen	Affinity Purified D0-11.10 TCR
Donor	Armenian Hamster
Fusion Partner	Murine myeloma variant P3X63Ag.653
Presentation	100 ug or 300 ug Biotin conjugated Ig buffered in PBS, 0.02% NaN ₃ and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.
Preparation and Storage	Store at 4 degree C. For long term storage, aliquot and freeze unused portion at -20 degree C in volumes appropriate for single usage. Avoid freeze/thaw cycles



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-alpha/beta TCR antibody	anti-mouse ab T cell receptor mAb reacts with the surface of all ab TCR bearing cells and does not react with receptors on gd TCR positive T cells. When used in an immobilized form, this antibody was able to activate all ab TCR bearing T cell hybridomas tested to produce IL-2 (1). Use of this antibody in conjunction with an anti-CD3e mAb (anti- CD3e mAb) allows for accurate measurements of the mutually exclusive sub-populations of ab TCR and gd TCR bearing T cells. This clone has been reported to work with frozen sections6 and Western Blotting5.
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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/alpha-beta-tcr-antibody-clone-h57-597-flow-cytometry-immunohistochemistry-elisa/74128>