

anti-Human TCR Antibody | anti-TCR antibody

Anti-TCR [BMA031]

CATALOG # AAA72303	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Immunoprecipitation, Immunofluorescence
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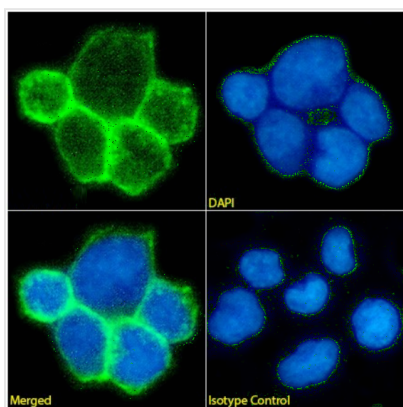
PRODUCT SYNONYMS

TCR; Anti-TCR [BMA031]; Human alpha/beta T Cell Receptor (TCR); anti-TCR antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Isotype	Mouse IgG2b kappa
Clone Number	BMA031
Specificity	This antibody reacts with surface receptors on all alpha-beta TCR bearing cells, but does not react with receptors on gamma-delta T cells. TCR-alphabeta is expressed by the majority of mature CD3+ T cells.
Purity/Purification	Purified. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TCR antibody	Blocking, FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IF (Immunofluorescence)
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of Jurkat cells with anti-TCR antibody BMA031 . Immunofluorescence analysis of paraformaldehyde-fixed Jurkat cells on Shi-fix™ coverslips stained with the mouse IgG2b version of BMA031 (AAA72303) (1:100 dilution) for 1h followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing membrane staining. The nuclear stain is DAPI (blue). Panels show, from left-right, top-bottom, AAA72303, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TCR antibody	The original antibody was generated by immunizing mice with human perihperal blood T-lymphocytes. Describes the role of this antibody as a tool for analysing mechanisms of T cell activation, interaction between T-cells, B-cells, accessory cells and intermediating immune factors.
Product Categories/Family for anti-TCR antibody	Immunosuppression; Autoimmunity; Transplant; T-cells
References	Kurrie et al. Behring Institute Mitteilungen (1986), (80):48-58.

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/human-antibody/tcr/72303>