Mouse TCR gamma/delta Monoclonal Antibody | anti-TCRG/D antibody

Anti-Hu TCR gamma/delta PE-Cyanine7

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128422	**Mouse**	**Human, Non-human primates**	**Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

TCR gamma/delta; Monoclonal Antibody; Anti-Hu TCR gamma/delta PE-Cyanine7; anti-TCRG/D antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Non-human primates
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	B1
Specificity	The mouse monoclonal antibody B1 (also known as B1.1) recognizes an extracellular epitope of TCR gamma/delta, the subtype of T cell receptor expressed mainly in epithelial tissues and at the sites of infection.
Purity/Purification	The purified antibody is conjugated with tandem dye PE-Cyanine7 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	12
Applicable Applications for anti-TCRG/D antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE-Cyanine7
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-TCRG/D antibody	The antigen-specific T cell receptor (TCR) is composed of either alpha and beta subunit, or gamma and delta subunit. Majority of T cells present in the blood, lymph and secondary lymphoid organs express TCR alpha/beta heterodimers, whereas the T cells expressing TCR gamma/delta heterodimers are localized mainly in epithelial tissues and at the sites of infection. The subunits of TCR heterodimers are covalently bonded and in the endoplasmic reticulum they associate with CD3 subunits to form functional TCR-CD3 complex. Lack of expression of any of the chains is sufficient to stop cell surface expression.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4454233
NCBI Official Full Name	T-cell receptor gamma chain, partial

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/tcr-gamma-delta-antibody-clone-b1-flow-cytometry-elisa/128422