Mouse TCR Vgamma9 Monoclonal Antibody | anti-TCRVgamma9 antibody

Anti-Hu TCR Vgamma9 PE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129162	**Mouse**	**Human, Non-human primates**	**Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

TCR Vgamma9; Monoclonal Antibody; Anti-Hu TCR Vgamma9 PE; TCRVG9; anti-TCRVgamma9 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Non-human primates
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	B3
Specificity	The mouse monoclonal antibody B3 recognizes an extracellular epitope of human TCR Vgamma9, a variant of TCR gamma chain, which is expressed on a gamma/delta T cell subpopulation with cytolytic activity against various tumor cells.
Purity/Purification	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide
Applicable Applications for anti-TCRVgamma9 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE
Immunogen	human T cells
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

ADDITIONAL INFORMATION

Related Product Information for anti-TCRVgamma9 antibody	TCR Vgamma9 is a variant of TCR gamma chain, that is present on a subset of human gamma/delta T cells. TCR Vgamma9/Vdelta2 T cells are able to recognize and kill various tumor cells, as this receptor heterodimer binds to certain phosphoantigens, expressed by tumors.
References	*van Rhijn I, van den Berg LH, Ang CW, Admiraal J, Logtenberg T: Expansion of human gammadelta T cells after in vitro stimulation with Campylobacter jejuni. Int Immunol. 2003 Mar;15(3):373-82., URL: https://pubmed.ncbi.nlm.nih.gov/12618481/

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://www.aaabiotech.com/monoclonal/tcr-vgamma9-antibody-clone-b3-flow-cytometry-elisa/129162