

Mouse TCR ALPHA/BETA Monoclonal Antibody

MOUSE ANTI RAT TCR ALPHA/BETA:Low Endotoxin

CATALOG #	HOST	APPLICATIONS
AAA49149	Mouse	Immunoprecipitation, Functional Assay, Flow Cytometry, Functional Assay, Immunohistochemistry

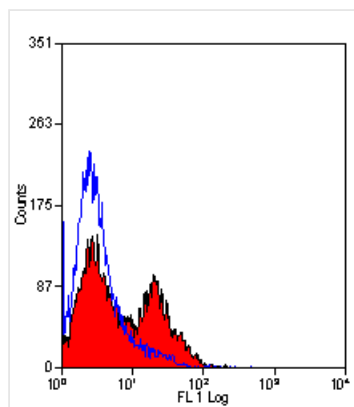
PRODUCT SYNONYMS

TCR ALPHA/BETA; Monoclonal Antibody; MOUSE ANTI RAT TCR ALPHA/BETA:Low Endotoxin; anti-TCR ALPHA/BETA antibody

PRODUCT SPECIFICATIONS

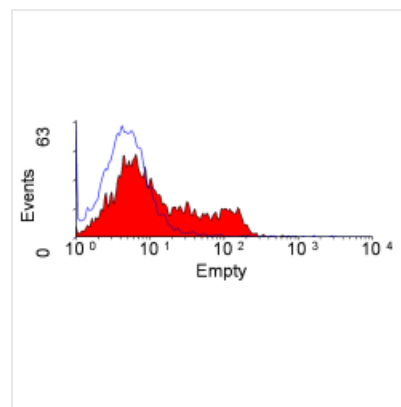
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	R73
Form/Format	Low Endotoxin Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Applicable Applications for anti-TCR ALPHA/BETA antibody	IP (Immunoprecipitation), FA (Functional Assay), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen	Rat T Blasts and Erythrocytes Fusion Partners
Target Species	Rat
Preparation and Storage	Store at -20o only. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Staining of rat spleen cells with Mouse anti Rat TCR alpha/beta:Low Endotoxin



Application Data

Staining of rat splenocytes with Mouse anti Rat TCR alpha/beta:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-TCR ALPHA/BETA antibody	Mouse anti Rat TCR alpha/beta antibody, clone R73 recognizes a constant determinant on the beta chain of the rat alpha/beta T cell receptor, expressed by 97% of peripheral rat T cells as defined by the OX-52 marker. R73 is mitogenic for unseparated spleen cells and for purified T cells. In the rat thymus, mature medullary cells express the R73 determinant at the same levels as peripheral T cells, whereas 94% of CD4 - CD8 - thymocytes are R73 negative. Mouse anti Rat TCR alpha/beta antibody, clone R73 is reported to stimulate adhesion between Thymic Dendritic Cells and Thymocytes (Colic et al. 2010).
--	--

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/tcr-alpha-beta-antibody-clone-r73-immunoprecipitation-functional-assay-flow-cytometry-immunohistochemistry-elisa/49149>