Mouse TCR ALPHA/BETA Monoclonal Antibody

MOUSE ANTI RAT TCR ALPHA/BETA

CATALOG #	HOST	APPLICATIONS
AAA49408	**Mouse**	**Immunoprecipitation, Flow Cytometry, Functional Assay, Immunohistochemistry**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	R73
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Applicable Applications for anti-TCR ALPHA/BETA antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Rat T Blasts and Erythrocytes Fusion Partners
Target Species	Rat
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. 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 TCY 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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/tcr-alpha-beta-antibody-clone-r73-immunoprecipitation-flow-cytometry-immunohistochemistry-elisa/49408