

Product Information

Recombinant Anti-Human TCR@ Antibody

Cat. No.: **MOM-18248**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is specific to Human T-cell receptor, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

The T cell receptor or TCR is a molecule found on the surface of T lymphocytes (or T cells) that is responsible for recognizing antigens bound to major histocompatibility complex (MHC) molecules. The binding between TCR and antigen is of relatively low affinity and is degenerate: that is, many TCR recognize the same antigen and many antigens are recognized by the same TCR.

Specific Activity

Tested positive against native antigen.

Target

T-cell receptor

Immunogen

Thymus, spleen and mesenteric lymph nodes isolated from a mouse transgenic for human Vb3 TcR.

Source

Mouse

Species Reactivity

Human

Type

Mouse IgG2b

Expression Host

CHO

Purity

>95.0% as determined by analysis by RP-HPLC.

Applications

Suitable for use in ELISA, IP, FC, FuncS, Neut, IF and most other immunological methods.

Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

BACKGROUND

Keywords

T cell receptor alpha locus; TCRA; TRA; TCRD; T-cell antigen receptor, alpha polypeptide; T-cell receptor, alpha (V,D,J,C); TRA@

ANTIGEN GENE INFORMATION

Gene Name

[TRA@ T cell receptor alpha locus \[Homo sapiens \]](#)

Official Symbol

TCR@

Synonyms

T cell receptor alpha locus; TCRA; TRA; TCRD; T-cell antigen receptor, alpha polypeptide; T-cell receptor, alpha (V,D,J,C); TRA@

Gene ID

[6955](#)

MIM

[186880](#)

Chromosome Location

14q11.2

Pathway

Cytokines and Inflammatory Response; T Cell Receptor Signaling Pathway