

Product Datasheet

Valpha TCR antibody (orb348924)

Description

Rabbit monoclonal antibody to Valpha TCR

Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested

ELISA, FC, WB

Applications
Immunogen

Purified recombinant soluble TCR from the T-cell hybridoma 85.33, corresponding to V alpha 11

Target

Vα TCR

Preservatives

PBS with 0.02% Proclin 300.

Concentration

1 mg/ml

Storage

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Note

For research use only

Application notes

The antibody binds specifically to the recombinant and native variable domain of the α chain which comprises the T-cell receptor (TCR). The TCR is a disulfide-linked heterodimeric protein expressed on the surface of T-cells in complex with CD3 and ζ-chain molecules. The receptor functions in the recognition of MHC molecule and the subsequent activation of T-cells. The monoclonal antibody 34 recognises Vα regions of TCRs expressed in the 85.33 arthritogenic T-cell hybridoma and can be used to analyse TCR V gene expression and for immunotherapy in T cell mediated autoimmunity.

Isotype

IgG

Clonality

Monoclonal

Purity

Purified

Uniprot ID
P01848
Expiration Date

12 months from date of receipt.