



PRODUCT DATA SHEET

Bioworld Technology, Inc.

V gamma 2 TCR monoclonal antibody

Catalog: MB30019

Host: Armenian Hamster

Reactivity: Mouse

BackGround:

The V gamma 2 TCR is a T cell receptor variable domain, part of the gamma-delta (gd) T cell receptor that defines a distinct T cell lineage. Gamma-delta T cells contribute to innate-like immune responses against infections and tumors, and Vgamma2-bearing cells are a major population in human peripheral blood.

Product:

Armenian Hamster IgG. 1mg/ml in PBS, pH 7.3, and 0.02% sodium azide.

Molecular Weight:

N/A (TCR complex; multiple chains)

Swiss-Prot:

Purification&Purity:

The antibody was purified by affinity chromatography.

Applications:

IF/ICC (1/50 - 1/200), FC (1/500 - 1/2000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes mouse V gamma 2 TCR

DATA:

Western blot analysis of Fumarylacetoacetase expression in HepG2 (A), MCF7 (B), mouse liver (C), rat kidney (D) whole cell lysates.

Immunohistochemical analysis of Fumarylacetoacetase staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Immunofluorescent analysis of Fumarylacetoacetase staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Note:

For research use only, not for use in diagnostic procedure.

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