

Anti-Human Tim-4-161Dy

Catalog: 3161021B

Package Size: 100 tests

Storage: Store product at 4°C. Do not freeze.

Reactivity: Human,

Clone: 9F4

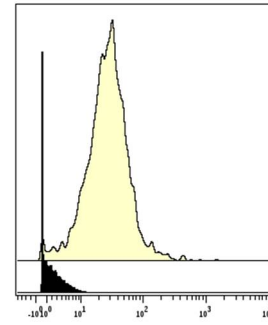
Isotype: IgG1

Formulation: Antibody stabilizer with 0.05% Sodium Azide

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF[®] analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to 3 X 10⁶ live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Tim-4 (9F4) – 161Dy

Human U266 cells (top) and human Jurkat cells (bottom) stained with 161Dy-anti-Tim-4 (9F4). Total viable cells are displayed in analysis.

Description

Tim-4 (T-cell immunoglobulin mucin 4) is a transmembrane glycoprotein and member of the immunoglobulin superfamily. Tim-4 is not expressed in T lymphocytes but rather exclusively expressed by antigen-presenting cells such as macrophages and dendritic cells. As the natural ligand of Tim-1, Tim-4 is involved in T-cell expansion and cytokine production.

References

Bandura, D. R., et al. Mass Cytometry: Technique for Real Time Single Cell Multitarget Immunoassay Based on Inductively Coupled Plasma Time-of-Flight Mass Spectrometry. *Analytical Chemistry* 81:6813-6822, 2009.

Ornatsky, O. I., et al. **Highly Multiparametric Analysis by Mass Cytometry.** *J Immunol Methods* 361 (1-2):1-20, 2010.

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