

Anti-Human TGFbeta-163Dy

Catalog: 3163010B

Package Size: 100 tests

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

Reactivity: Human

Clone: TW4-6H10

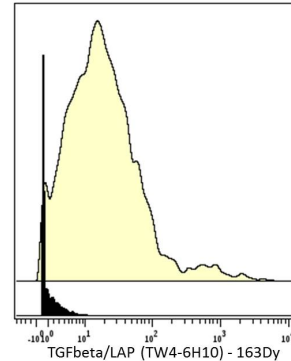
Isotype: IgG1

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.



Human PBMCs stained with 163Dy-anti-TGFbeta/LAP (TW4-6H10). Platelets (top) and T lymphocytes (bottom) are displayed in the analysis.

Description

TGF-β1 is a polypeptide member of the transforming growth factor beta superfamily of cytokines. It is a secreted multifunctional cytokine that controls cellular proliferation, differentiation and other functions in most cells. TGF-β1 is highly expressed in platelets and plays important roles in controlling the immune system.

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.

For technical support visit fluidigm.com/support

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