

Anti-Human Gata6-161Dy

Catalog: 3161005A

Package Size: 50 tests

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

Reactivity: Human

Clone: D61E4

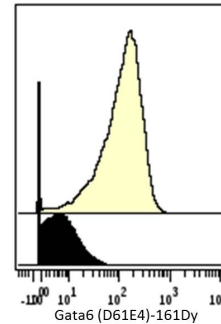
Isotype: IgG

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 BJ cells (top) and human Jurkat cells (bottom) were fixed, permeabilized, and stained with 161Dy-anti-Gata6 (D61E4).

Description

GATA-6 is a member of a small family of zinc finger transcriptional coactivators that bind directly to the nucleotide sequence core element GATA. GATA-6 is expressed in mesodermally and endodermally-derived cells and thereby is essential for gut, lung, and heart development. Loss of expression or excluded from nucleus of GATA-6 is apparent in majority of ovarian tumors.

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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