

Anti-Human CD95-164Dy

Catalog #: 3164008B

Package Size: 100 tests

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

Cross Reactivity: Cynomolgus Monkey, Rhesus, Chimpanzee, Olive Baboon, Pigtailed Macaque, Sooty Mangabey, Capuchin Monkey, African Green, Tamarin, Marmoset

Clone: DX2

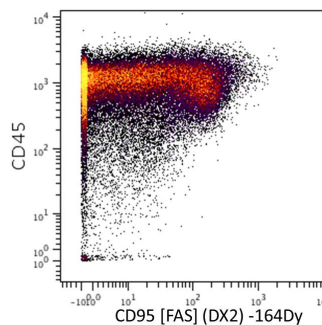
Isotype: Mouse IgG1

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 154Sm-anti-CD45 (HI30) and 164Dy-anti-CD95 [FAS] (DX2).

Description

CD95, also known as FAS, APO-1 and TNFRSF6, is a 48 kDa member of the DR family, a subfamily of the tumor necrosis factor receptor superfamily. Members of the DR family are characterized by a cytoplasmic region termed the death domain (DD). Binding of CD95 by its ligand, CD95L (CD178) induces apoptosis in sensitive cells. Ligand binding to CD95 leads to formation of a receptor complex at the cell membrane including FADD/MORT, procaspase-8, procaspase-10 and c-FLIP, and results in formation of active caspase-8. CD95 is expressed on T and B lymphocytes, monocytes, neutrophils and fibroblasts.

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.

Contact Information:

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