Anti-Human CD95/Fas-152Sm

Catalog: 3152017B
Package size: 100 tests
Storage: Store product at 4 °C. Do not freeze.
Cross-reactivity: Cynomolgus Monkey, Rhesus, Chimpanzee, Olive Baboon, Pigtailed Macaque, Sooty Mangabeys, Capuchin Monkey, African Green, Tamarin, Marmoset

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-CD3 (UCHT1) and 152Sm-anti-CD95/Fas (DX2). Total viable cells are displayed in the analysis.

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. 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


For technical support visit fluidigm.com/support.

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