

## Technical Data Sheet

### FITC Anti-Human CD95

**Catalog Number:** 109505, 109506

**Size:** 25 tests, 100 tests

**Target Name:** CD95, Fas, TNFRSF6, Apo-1

**Regulatory Status:** RUO

#### Product Details

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**Clone:** DX2

**Application:** FC

**Reactivity:** Human

**Format:** FITC

**Isotype:** Mouse IgG1

**Antibody Type:** Monoclonal

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA

**Protein Concentration:** Supplied at a lot-specific concentration.

**Storage and Handling:** The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.

**Recommended Usage:** For flow cytometric staining, it is recommended to use 5 µL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.

**Excitation Laser:** Blue Laser (488 nm)

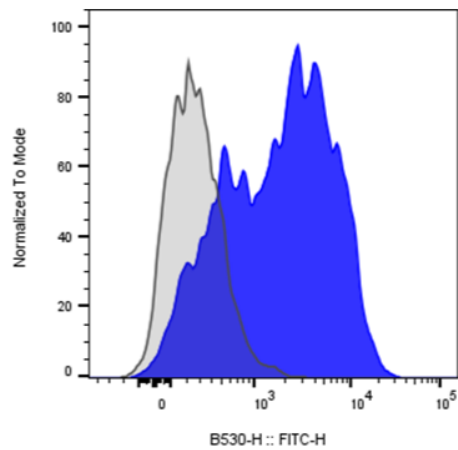
#### Background Information

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CD95 (also known as Fas, Apo-1, or TNFRSF6) is a 40–50 kDa type I transmembrane glycoprotein and a member of the tumor necrosis factor receptor (TNFR) superfamily. It is broadly expressed on both hematopoietic and non-hematopoietic cells, including monocytes, neutrophils, fibroblasts, and activated T and B lymphocytes, with expression levels increasing upon cellular activation.

#### Product Data

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Human peripheral blood lymphocytes stained with FITC Anti-Human CD95 clone DX2 (blue histogram) or an isotype control (gray histogram).