EXBIO Antibodies

PRODUCT DATA SHEET

1P-754-T100

Monoclonal Antibody to CD178 / Fas-L Phycoerythrin (PE) conjugated (100 tests)

Clone: NOK-1

Isotype: Mouse IgG1

Specificity: The mouse monoclonal antibody NOK-1 recognizes CD178 / Fas-L, an approximately 40 kDa transmembrane glycoprotein expressed on neutrophils, monocytes, and activated T and NK cells.
HCDM Workshop: VII 70322

Regulatory Status: RUO

Immunogen: L5178Y mouse T lymphoma cells expressing recombinant human CD178

Species Reactivity: Human

Preparation: The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.

Storage Buffer: The reagent is provided in stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide.

Storage / Stability: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

Usage: The reagent is designed for Flow Cytometry analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10^6 cells in a suspension.
The content of a vial (1 ml) is sufficient for 100 tests.

Expiration: See vial label

Lot Number: See vial label

Background: CD178 / Fas-L (Fas ligand, CD95L), a member of TNF family transmembrane glycoproteins, is responsible for induction of apoptosis in cells containing its receptor CD95 / Fas. The CD178-mediated apoptosis pathway has been implicated in peripheral tolerance, tissue pathology, and maintenance of the immune privileged sites. Defects in this interaction may be related to some cases of systemic lupus erythematosus (SLE). CD178 was also described as a co-stimulatory receptor for T-cell activation in mice in vivo.

For laboratory research only, not for drug, diagnostic or other use.

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References:

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