

Product datasheet for **AM26762RP-N**

Fas Ligand (FASLG) Mouse Monoclonal Antibody [Clone ID: NOK-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	NOK-1
Applications:	FC
Recommended Dilution:	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.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	L5178Y mouse T lymphoma cells expressing recombinant human CD178
Specificity:	This antibody recognizes CD178 / Fas-L, an approximately 40 kDa transmembrane glycoprotein expressed on neutrophils, monocytes, and activated T and NK cells.
Formulation:	Label: PE State: Liquid purified Ig fraction Label: Conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use.
Conjugation:	PE
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	Fas ligand
Database Link:	Entrez Gene 356 Human P48023



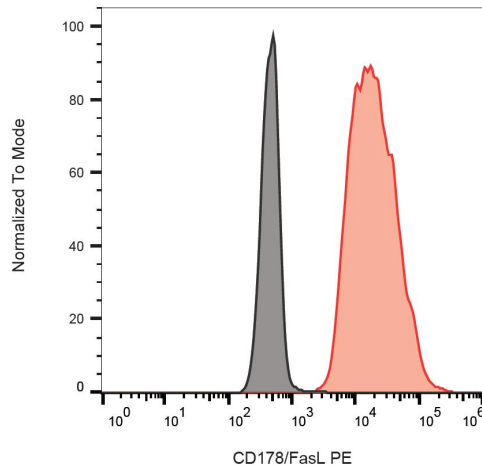
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Background:

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.

Synonyms:

FASLG, APT1LG1, FASL, TNFSF6, CD95L protein, APTL

Product images:

Surface staining of CD178 in CD178-transfected L5178Y cells with anti-CD178 (NOK-1) PE.