

## Product datasheet for **AM26762LE-N**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	NOK-1
Applications:	FN
Recommended Dilution:	<b>Flow cytometry.</b> <b>Immunoprecipitation.</b> <b>Western blot.</b> <b>Immunocytochemistry.</b> <b>Functional application:</b> blocking.
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:	Azide free phosphate buffered saline (PBS), approx. pH 7.4; 0.2 µm filter sterilized State: Low Endotoxin State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein-A affinity chromatography (> 95% pure by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.
Gene Name:	Fas ligand
Database Link:	<a href="#">Entrez Gene 356 Human P48023</a>



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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