

## Product datasheet for **AM26792LE-N**

### CD95 (FAS) Mouse Monoclonal Antibody [Clone ID: EOS9.1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	EOS9.1
Applications:	FC
Recommended Dilution:	<b>Functional application:</b> In vitro induction of apoptosis.
Reactivity:	Human
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	P815 cells transfected with human CD95
Specificity:	This antibody recognizes CD95 (Fas/APO-1), a 46 kDa glycoprotein of the tumour necrosis factor/nerve growth factor (TNF/NGF) receptor superfamily, expressed on a variety of normal and neoplastic cells.
Formulation:	Azide free phosphate buffered saline (PBS), approx. pH 7.4; 0.2 µm filter sterilized State: Low Endotoxin State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE)
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.
Gene Name:	Fas cell surface death receptor
Database Link:	<a href="#">Entrez Gene 355 Human P25445</a>



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**Background:**

CD95 (Fas, APO-1), a 46 kDa transmembrane glycoprotein, is a cell death receptor of the TNFR superfamily. Stimulation of CD95 results in aggregation of its intracellular death domains, formation of the death-inducing signaling complex (DISC) and activation of caspases. In type I cells caspase 3 is activated by high amounts of caspase 8 generated at the DISC, in type II cells low concentration of caspase 8 activates pathway leading to the release of cytochrome c from mitochondria and activation of caspase 3 by cytochrome c. Besides its roles in induction of apoptosis, Fas also triggers pro-inflammatory cytokine responses.

**Synonyms:**

FASLG receptor, Apo-1 antigen, APT1, FAS1, TNFRSF6