

Product datasheet for **AM26792PU-N**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	EOS9.1
Applications:	FC, FN
Recommended Dilution:	Flow cytometry. Functional application (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:	Tris buffered saline (TBS) State: Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE) Preservative: 15 mM sodium azide, approx. pH 8.0
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	Fas cell surface death receptor
Database Link:	Entrez Gene 355 Human P25445



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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