

Product datasheet for **TA320327**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	EOS9.1
Applications:	FC
Recommended Dilution:	Flow, Functional Assay
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Database Link:	NP_000034 Entrez Gene 355 Human

Background: The EOS9.1 monoclonal antibody reacts with human CD95 (Fas, Apo-1), a 40-50 kDa member of the TNFR superfamily. CD95 is expressed by a broad range of hematopoietic and non-hematopoietic cells including monocytes, neutrophils, activated lymphocytes and fibroblasts. Interaction of CD95 on mature lymphocytes with its ligand (FasL) induces apoptosis and is thought to be important in peripheral tolerance. EOS9.1 does not block binding of DX2, another antibody specific for human CD95.

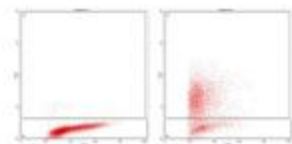
Synonyms: ALPS1A; APO-1; APT1; CD95; FAS1; FASTM; TNFRSF6

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein

Protein Pathways: Allograft rejection, Alzheimer's disease, Apoptosis, Autoimmune thyroid disease, Cytokine-cytokine receptor interaction, Graft-versus-host disease, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, p53 signaling pathway, Pathways in cancer, Type I diabetes mellitus



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Product images:

The Jurkat cell line was treated for 6 hours with medium alone (left) or 0.1 ug/mL of Anti-Human CD95 (APO-1/Fas) Functional Grade Purified (right). Induction of apoptosis in these cells was determined by staining with Propidium Iodide and Anti-BrdU-FITC using the Apo-BrdU Apoptosis Detection Kit.