

30-1543: Anti-CD95 / Fas Monoclonal Antibody (Clone:EOS9.1)

Clonality :	Monoclonal
Clone Name :	EOS9.1
Application :	Functional Assay
Reactivity :	Human
Gene :	FAS
Gene ID :	355
Uniprot ID :	P25445
Format :	Purified
Alternative Name :	Apo-1 antigen, Apoptosis-mediating surface antigen FAS,
Isotype :	Mouse IgM
Immunogen Information :	P815 cells transfected with human CD95

Description

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.

Product Info

Amount :	0.1 mg
Purification :	Purified by precipitation and chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Functional Application in vitro induction of apoptosis