

30-1655: Anti-CD95 / Fas Monoclonal Antibody (Clone:EOS9.1)-Low Endotoxin

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| Clonality : | Monoclonal |
| Clone Name : | EOS9.1 |
| Application : | Functional Assay |
| Reactivity : | Human |
| Gene : | FAS |
| Gene ID : | 355 |
| Uniprot ID : | P25445 |
| Format : | Low Endotoxin |
| Alternative Name : | Apo-1 antigen, Apoptosis-mediating surface antigen FAS, FASLG receptor |
| 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

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| 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