9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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

| | |
|---|---|
| **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 cytochom 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

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***