# Fas (human):Fc (human), (recombinant)

**Citations:** 14 View Online »

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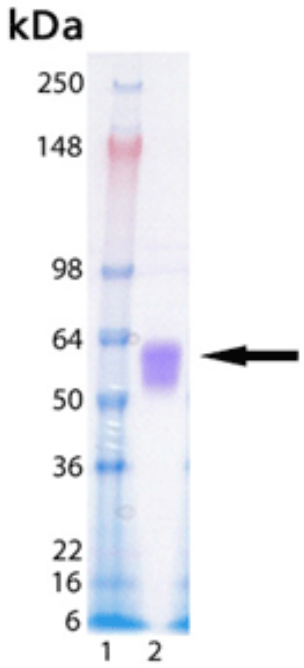
|---|---|
| **ALX-522-002-C050** | 50µg |

## Manuals, SDS & CofA View Online »



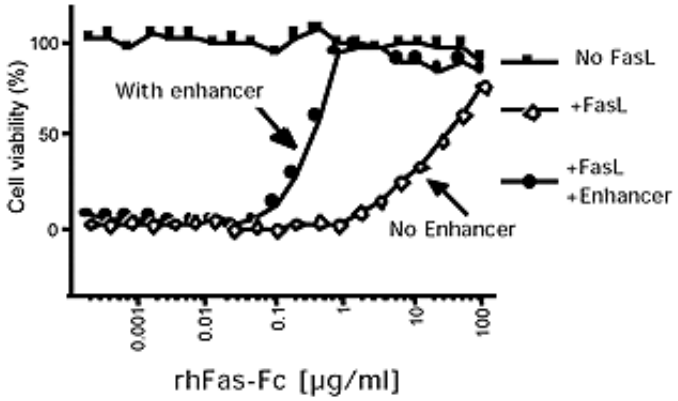




**Figure:** Inhibition of FasL, Soluble (human) (rec.) (Prod. No. ALX-522-001)-mediated lysis. Fas (human):Fc (human) (rec.) (Prod. No. ALX-522-002) exerts its inhibitory activity in a concentration range of 0.5-5µg/ml in the presence of the enhancer (1µg/ml).**Method:** Mouse A20 B lymphoma cells (50'000 cells in 100µl DMEM medium containing 5% fetal calf serum) were incubated with 0.2µg/ml FasL

## Handling & Storage

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| **Use/Stability** | Stable for at least 6 months after receipt when stored at -20°C. |
| **Handling** | Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C. |
| **Long Term Storage** | -20°C |
| **Shipping** | Blue Ice |

## Regulatory Status

RUO - Research Use Only

## Product Details

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|---|---|
| **Alternative Name** | CD95, APO-1, TNFRSF 6 |
| **Application Notes** | ELISA: binds to FasL at 10-100 ng/ml. |
| **Concentration** | 1mg/ml after reconstitution. |
| **Endotoxin Content** | <0.1EU/µg purified protein (LAL test; Associates of Cape Cod). |
| **Formulation** | Lyophilized. Contains PBS. |
| **MW** | ~56 kDa |
| **Purity** | ≥95% (SDS-PAGE) |
| **Purity Detail** | Purified by multi-step chromatography. |
| **Reconstitution** | Reconstitute with 50µl sterile water. Further dilutions can be made with medium containing 5% fetal calf serum or a carrier protein. |
| **Source** | Produced in HEK 293 cells. The extracellular domain of human Fas (CD95; APO-1) (aa 7-154) is fused to the Fc portion of human IgG1. |
| **Specificity** | Binds human, mouse and rat FasL (APO-1L; CD95L; CD178). |

**Technical Info / Product Notes**

Historical data has shown that Fas inhibits the activity of human and mouse soluble Fas (sFasL) and thereby sFasL-mediated lysis of Fas sensitive cells in a concentration range of 20-100µg/ml. When used with cross-linking enhancer (see Prod. No. ALX-203-001), the inhibitory activity of rhFas:Fc is increased approximately 20- to 50-fold. Concentrations of rhFas:Fc required to inhibit may vary depending on the cell viability and on the concentrations of sFasL used to kill the cells.

**UniProt ID**

P25445

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