

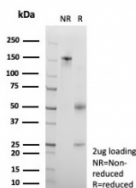
CD95 Antibody rB-R18 / Fas [clone rB-R18] (V4116)

Catalog No.	Formulation	Size
V4116-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4116-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4116SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant **MOUSE MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG2a, kappa
Clone Name	rB-R18
Purity	Protein A/G affinity
UniProt	P25445
Localization	Cell surface
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This CD95 antibody rB-R18 is available for research use only.



SDS-PAGE analysis of purified, BSA-free CD95 antibody rB-R18 as confirmation of integrity and purity.

Description

CD95 Antibody rB-R18 specifically recognizes CD95, also known as Fas, a transmembrane glycoprotein with a MW of

40-45kDa, containing 8kDa of N-glycoside-linked polysaccharide. It is a receptor for TNFSF6/FASLG, a member of the nerve growth factor receptor/tumor necrosis factor superfamily, mediating receptor-triggered apoptosis. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation, which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both. The secreted isoforms 2 to 6 block apoptosis (in vitro). CD95 antigen is expressed on the surface of various cell types, preferentially on the CD45RA^{low} CD45RO^{high} subset of memory T lymphocytes.

For highly specific detection supported by extensive protein microarray validation, see our [FAS antibody FAS/3112](#).

Application Notes

Optimal dilution of the CD95 antibody rB-R18 should be determined by the researcher.

Immunogen

Recombinant human CD95 protein was used as the immunogen for the CD95 antibody rB-R18.

Storage

Aliquot the CD95 antibody rB-R18 and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.