

Recombinant CD95 / FAS / TNFRSF6 Antibody

Mouse Monoclonal Antibody [Clone rB-R18]

Catalog No	Format	Size
355-MSM11-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
355-MSM11-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
355-MSM11-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

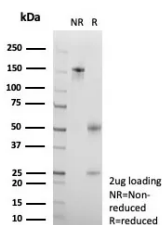
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	rB-R18
Gene Name	FAS
Immunogen	Recombinant human CD95 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	38-50kDa
Cellular Localization	Cell surface.
Species Reactivity	Human
Positive Control	MCF-7 cells (IF/FACS). Human hepatocellular or bladder carcinoma (IHC).

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant CD95 / FAS / TNFRSF6 Antibody



SDS-PAGE Analysis of Purified CD95 Recombinant Mouse Monoclonal Antibody (rB-R18). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

MAB 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.

Limitations and Warranty

This antibody is available for research use only and is not approved for diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Apoptosis, Autophagy, Cardiovascular, AKT Signaling, Complement System, Endothelial Cell Marker, MAPK Signaling, Signal Transduction, Transcription Factors
