

Recombinant CD95 / FAS / TNFRSF6 (Marker of Cancer Associated Fibroblasts) Antibody

Mouse Monoclonal Antibody [Clone rGM30]

Catalog No	Format	Size
355-MSM21-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
355-MSM21-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
355-MSM21-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

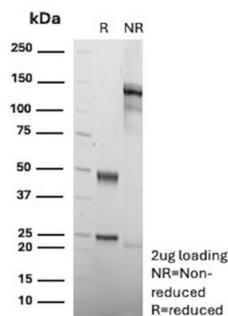
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	rGM30
Gene Name	FAS
Immunogen	Prokaryotic recombinant fusion protein corresponding to the internal domain near the C-terminal end of the human Fas molecule
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	38-50kDa
Cellular Localization	Cell membrane, Secreted
Species Reactivity	Human
Positive Control	MCF-7 cells. Human hepatocellular or bladder carcinoma.

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant CD95 / FAS / TNFRSF6 (Marker of Cancer Associated Fibroblasts) Antibody



SDS-PAGE Analysis of Purified CD95 Recombinant Mouse Monoclonal Antibody (rGM30). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

Fas, also known as CD95 antigen, is a 48 kD transmembrane glycoprotein. It is a member of the nerve growth factor receptor/tumor necrosis factor superfamily. This cell surface molecule mediates receptor-triggered apoptosis (programmed cell death). During embryonic and postembryonic development, many cells die by means of programmed cell death, which plays a major role in determining morphological and functional maturity in a variety of systems, including the formation of the neural network and clonal deletion of autoreactive T cells. Apoptosis is accompanied by condensation of the cytoplasm, loss of plasma membrane microvilli and extensive degradation of chromosomal DNA into oligomers of about 180 base pairs. The Fas antigen is expressed on the surface of various cell types, including activated T and B lymphocytes and T lymphoblastoid cell lines.

Supplied As

200ug/ml of Ab produced in CHO cell mammalian-based expression system. 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

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

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.
