

36-2582: Anti-CD95 / FAS / TNFRSF6 Monoclonal Antibody(Clone: B-R18)

Clonality :	Monoclonal
Clone Name :	B-R18
Application :	Functional Assay,FACS,IF,IHC
Reactivity :	Human
Gene :	FAS
Gene ID :	355
Uniprot ID :	P25445
Alternative Name :	ALPS1A, Apoptosis APO1 antigen 1, Apoptosis-mediating surface antigen FAS, APT1, Delta Fas, Fas AMA, Fas cell surface death receptor, FAS1, FASL receptor, FASLG receptor, FASTM, Surface antigen APO1, Tumor necrosis factor receptor superfamily member 6 (TNFRSF6)
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant human CD95 protein

Description

MAb B-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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/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 condition :	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.

Application Note

Functional Studies (Order Ab without Azide); ,Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); ,Immunohistochemistry (Frozen) (1-2ug/ml for 30 minutes at RT),

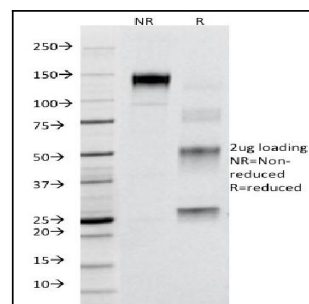


Fig. 1: SDS-PAGE Analysis Purified CD95 Mouse Monoclonal Antibody (B-R18). Confirmation of Purity and Integrity of Antibody.