Product datasheet

anti-CD95 mouse monoclonal, B-R18, purified

Short overview

Cat. No.	691609
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	B-R18
Immunogen	Recombinant Fas antigen
Formulation	PBS with 0.02% sodium azide
UniprotID	P25445 (Human)
Synomym	Tumor necrosis factor receptor superfamily member 6, Apo-1 antigen, Apoptosis-mediating surface antigen FAS, FASLG receptor, CD antigen CD95, FAS, APT1, FAS1, TNFRSF6
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC
Reactivity	Human

Applications

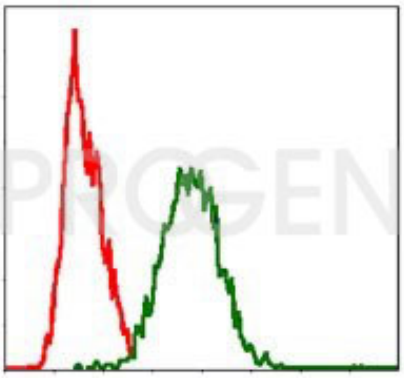
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

B-R18 specifically recognizes CD95. CD95 is a cell surface glycoprotein with a MW of 40-45 kDa and contains 8 kDa of N-glyosidic-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. CD95 is preferentially expressed by the CD54RAlow and CD45ROhigh subset of memory T-cells, but it also found on peripheral monocytes. It is further found on human B-cell lines like pre-B cells, EBV infected cells, Burkitt cells and plasmacytoma cells. It also binds to human T-cell lines, myeloid cell lines, hepatocyte carcinoma and endothelial cells.

Positive control: MCF-7 cells; hepatocellular or bladder carcinoma.

Product images



FACS with HeLa cells