

Product datasheet

anti-CD95 mouse monoclonal, B-R18, purified

Short overview

Cat. No. 691609

Quantity1 ml (100 μ g/ml)Concentration100 μ g/ml

Product description

HostMouseAntibody TypeMonoclonalIsotypeIgG1 kappaCloneB-R18

ImmunogenRecombinant Fas antigenFormulationPBS 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 useResearch use onlyApplicationFACS, 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)

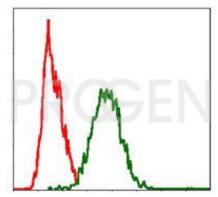
 Immunohistochemistry (IHC) - frozen
 1:50-1:100 (1-2 μg/ml)

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