

Anti-Mouse CD95 PE

Catalogue Number : 08012-60

RUO: For Research Use Only. Not for use in diagnostic procedures.

Product Information

Clone: 15A7

Format/Conjugate: PE

Concentration: 0.2 mg/mL

Reactivity: Mouse

Laser: Blue (488nm)

Peak Emission: 578nm

Peak Excitation: 496nm

Filter: 585/40

Brightness (1=dim,5=brightest): 5

Isotype: Mouse IgG1, kappa

Formulation: Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, pH7.2.

Storage: Product should be kept at 2-8°C and protected from prolonged exposure to light.

Applications: FC

Description

The 15A7 monoclonal antibody specifically reacts with mouse CD95, a type I membrane molecule. CD95 is a member of the tumor necrosis factor receptor (TNF-R) family and is involved in the mechanisms that lead to cellular apoptosis. It is expressed on fibroblasts, monocytes, lymphocytes, and neutrophils. The 15A7 antibody is reported not to induce apoptosis. It is reported to react with the cells derived from the BALB/C strain.

Preparation & Storage

The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.

Application Notes

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. For flow cytometric staining, the suggested use of this reagent is ≤1 ug per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

References

1. Zhang, J., Gao, W., Guo, Q., Huang, B., Wang, B., Xia, G., ; Kang, Y. (2013). Helminth Protein Vaccine Induced Follicular T Helper Cell for Enhancement of Humoral Immunity against *Schistosoma japonicum*.;BioMed research international.;2013.
2. Yonehara, S. (1999). Effects of anti-Fas antibodies on lymphocytes and other organs: preparation of original and new monoclonal antibodies and amelioration of systemic autoimmune disease.;International reviews of immunology.;18(4), 329-345.
3. Wang, Y. H., ; Diamond, B. (2008). B cell receptor revision diminishes the autoreactive B cell response after antigen activation in mice.;The Journal of clinical investigation.;118(8), 2896.