

Anti-Human CD27 Purified

Catalog Number :09311-20

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

Product Information

Clone: O323

Format/Conjugate: Purified

Concentration: 0.5 mg/mL

Reactivity: Human

Laser: Not Applicable

Peak Emission: Not Applicable

Peak Excitation: Not Applicable

Filter: Not Applicable

Brightness (1=dim,5=brightest): Not Applicable

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 O323 monoclonal antibody specifically binds to the human CD27, which is a lymphocyte-specific member of the TNF/NGF-R family, expressed on a subset of human thymocytes and the majority of the mature T cells. CD27 is upregulated by T lymphocytes stimulation, and binds to CD70, enhancing the interaction between T and B lymphocytes.

CD27 is a marker of memory B cells.

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. It is recommended that the reagent be titrated for optimal performance for each application.

References

1. Knapp W; (1989) Leucocyte typing IV: white cell differentiation antigens. Oxford University Press, 1989.
2. Correia, D. V., Fogli, M., Hudspeth, K., da Silva, M. G., Mavilio, D., Silva-Santos, B. (2011). Differentiation of human peripheral blood V61+ T cells expressing the natural cytotoxicity receptor NKp30 for recognition of lymphoid leukemia cells.; Blood.; 118(4), 992-1001.