

DATA SHEET**Brilliant Violet 421 anti-mouse CD127 (IL-7R α) Antibody**

Code Number#21-135027

Pack Size: 125 μ L

Clone: A7R34

Isotype: Rat IgG2a, κ

Description: CD127 is a 60-90 kD type I transmembrane glycoprotein also known as IL-7 receptor α chain or IL-7R α . It forms a heterodimer with the common γ chain (γ c or CD132) which is shared with the receptors for IL-2, IL-4, IL-9, IL-13, IL-15, and IL-21. CD127 is expressed on immature B cells through early pre-B stage, thymocytes (except CD4/CD8 double positive thymocytes), peripheral T cells, and bone marrow stromal cells. CD127 has been reported to be an useful marker for identifying memory and effector T cells. The ligation of IL-7 with its receptor is important for stimulation of mature and immature T cells as well as immature B cells proliferation and development.

Reactivity: Mouse

Antibody Type: Monoclonal

Host Species: Rat

Immunogen: IL-7Ra-IgG1 fusion protein

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA).

Preparation: The antibody was purified by affinity chromatography and conjugated with Brilliant Violet 421 under optimal conditions.

Concentration: 0.2 mg/ml

Storage & Handling: The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. **Do not freeze.**

Application: FC - Quality tested

For In-Vitro Diagnostic Use. Not For Human Or Animal Consumption.