

DATA SHEET**PE 594 anti-mouse CD127 (IL-7R α) Antibody**

Code Number#KT91135032

Pack Size:	100 μ g
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 a 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.
Preparation:	The antibody was purified by affinity chromatography and conjugated with PE594 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