

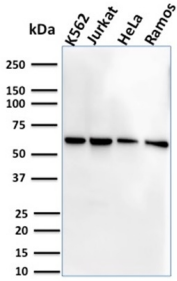
## Anti-CD127 Antibody [IL7R/2751] (A249027)

### Specifications:

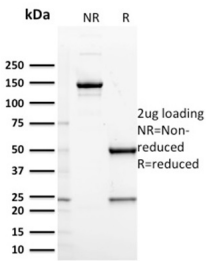
Name:	Anti-CD127 Antibody [IL7R/2751]
Description:	Mouse monoclonal [IL7R/2751] antibody to CD127.
Specificity:	The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukins 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in V(D)J recombination during lymphocyte development. Defects in this gene may be associated with severe combined immunodeficiency (SCID).
Applications:	ELISA, WB
Recommended Dilutions:	WB: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 21-236, of human CD127 protein. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	IL7R/2751
Isotype:	IgG2c
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-CD127 Antibody [IL7R/2751] - BSA and Azide free (A252207).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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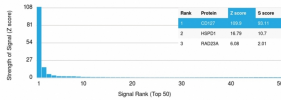
## Images:



Western blot analysis of human K562, Jurkat, HeLa, and Ramos cell lysates using Anti-CD127 Antibody [IL7R/2751].



SDS-PAGE analysis of Anti-CD127 Antibody [IL7R/2751] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-CD127 Antibody [IL7R/2751]. Z-Score and S-Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target; a MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.