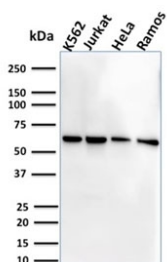


## CD127 Antibody / IL7R [clone IL7R/2751] (V7294)

Catalog No.	Formulation	Size
V7294-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7294-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7294SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

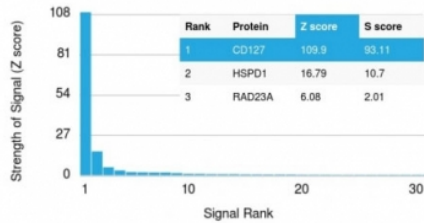
[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2c, kappa
<b>Clone Name</b>	IL7R/2751
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P16871
<b>Localization</b>	Cell surface and cytoplasmic
<b>Applications</b>	ELISA : order BSA/sodium azide-free format for coating Western Blot : 1-2ug/ml
<b>Limitations</b>	This CD127 antibody is available for research use only.



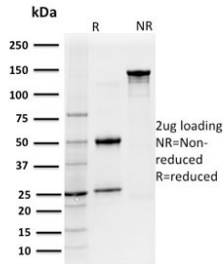
Western blot testing of human cell lysate samples with CD127 antibody (clone IL7R/2751).

#### Human Protein Microarray Specificity Validation



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using CD127 antibody (clone IL7R/2751). These results demonstrate the foremost specificity of the IL7R/2751 mAb.

Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



SDS-PAGE analysis of purified, BSA-free CD127 antibody (clone IL7R/2751) as confirmation of integrity and purity.

## Description

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).

## Application Notes

Optimal dilution of the CD127 antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 21-236 from the human protein was used as the immunogen for the CD127 antibody.

## Storage

Store the CD127 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).