antibodies - online.com







anti-IL7R antibody (AA 21-236)





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100 μg
IL7R
AA 21-236
Human
Mouse
Monoclonal
This IL7R antibody is un-conjugated
Western Blotting (WB), ELISA, Coating (Coat)

Product Details

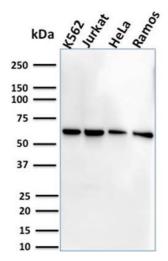
Immunogen:	Recombinant fragment (around aa 21-236) of human CD127 protein (IL7R) (exact sequence is proprietary)
Clone:	IL7R-2751
Isotype:	IgG2c kappa
Purification:	Purified by Protein A/G

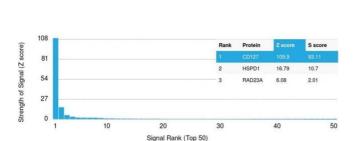
Target Details

Target:	IL7R	
Alternative Name:	IL7R (IL7R Products)	
Background:	The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function of this	

Target Details

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	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).		
Molecular Weight:	52-72kDa		
Gene ID:	3575		
UniProt:	P16871		
Pathways:	JAK-STAT Signaling, Regulation of Leukocyte Mediated Immunity, Production of Molecular Mediator of Immune Response, Regulation of Cell Size		
Application Details			
Application Notes:	Positive Control: K562, HeLa, Daudi or Jurkat cells. Tonsil, Lymph Node or Spleen. Known Application: ELISA (For coating, order Ab without BSA), Western Blot (1-2 µg/mL)Optimal dilution for a specific application should be determined.		
Restrictions:	For Research Use only		
Handling			
Concentration:	200 μg/mL		
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
Storage:	4 °C,-80 °C		
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.		
Expiry Date:	24 months		



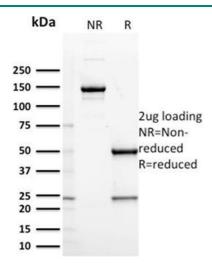


Western Blotting

Image 1. Western Blot Analysis of Human K562, Jurkat, HeLa and Ramos cell lysate using CD127 Mouse Monoclonal Antibody (IL7R/2751).

Protein Array

Image 2. Analysis of Protein Array containing >19,000 fulllength human proteins using CD127 Mouse Monoclonal Antibody (IL7R/2751) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM 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 HuProtTM 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 Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody 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 Monoclonal Antibody to protein X is equal to 29.



SDS-PAGE

Image 3. SDS-PAGE Analysis Purified CD127 Mouse Monoclonal Antibody (IL7R/2751). Confirmation of Integrity and Purity of Antibody.