

anti-Human, Mouse IL-7R/CD127 Antibody | anti-IL-7R/CD127 antibody

IL-7R/CD127 (Phospho-Tyr449) Antibody

CATALOG # AAA111925	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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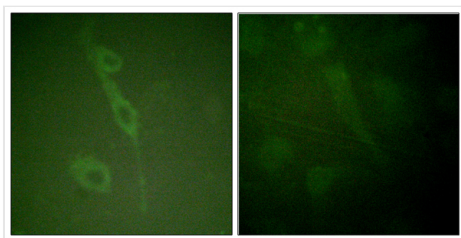
PRODUCT SYNONYMS

IL-7R/CD127; IL-7R/CD127 (Phospho-Tyr449) Antibody; CD127 antigen; CDw127; IL-7R alpha; IL7RA; interleukin-7 receptor alpha chain; anti-IL-7R/CD127 antibody

PRODUCT SPECIFICATIONS

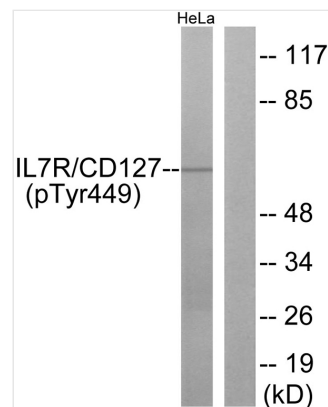
Reactivity	Human, Mouse
Specificity	IL-7R/CD127 (Phospho-Tyr449) antibody detects endogenous levels of IL-7R/CD127 only when phosphorylated at tyrosine 449.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	459
Applicable Applications for anti-IL-7R/CD127 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IL-7R/CD127 around the phosphorylation site of tyrosine 449 (E-A-YP-V-T).
All Sites	Human: Tyr449 Mouse: Tyr449
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from HeLa cells, using IL-7R/CD127 (Phospho-Tyr449) antibody. Immunofluorescence analysis of HUVEC cells, using IL-7R/CD127 (Phospho-Tyr449) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-IL-7R/CD127 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	D Benjamin, J. Immunol., May 1994; 152: 4749. TH Page, J. Immunol., Nov 1993; 151: 4753. Kohtaro Fujihashi, PNAS, Apr 1996; 93: 3613.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28610151
NCBI GeneID	3575
NCBI Accession #	NP_002176.2
NCBI GenBank Nucleotide #	NM_002185.4
UniProt Accession #	P16871; Q05CU8; Q6NSP4; Q6NWM0; Q6NWM1; Q6NWM2; Q6NWM3; Q6SV45; Q9UPC1; B2RCS6; B4DVT1
Molecular Weight	28,724 Da
NCBI Official Full Name	interleukin-7 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 7 receptor
NCBI Official Symbol	IL7R
NCBI Official Synonym Symbols	ILRA; CD127; IL7RA; CDW127; IL-7R-alpha
NCBI Protein Information	interleukin-7 receptor subunit alpha
UniProt Protein Name	Interleukin-7 receptor subunit alpha
UniProt Gene Name	IL7R
UniProt Synonym Gene Names	IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/il-7r-cd127/111925>