

Rabbit anti-Mouse CD127 Polyclonal Antibody | anti-CD127 antibody

CD127 antibody (Tyr449)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA224323	Rabbit	Mouse	ELISA, Immunofluorescence, Western Blot

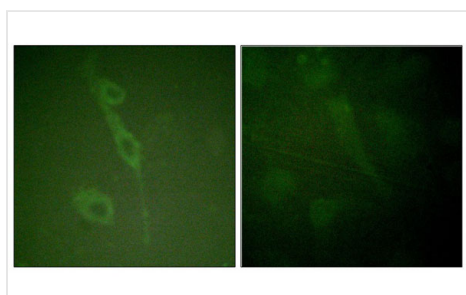
PRODUCT SYNONYMS

CD127; Polyclonal Antibody; CD127 antibody (Tyr449); Polyclonal CD127; Anti-CD127; CD127 antigen; CDw127; IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA; IL7R; IL7RA; ILRA; interleukin 7 receptor; interleukin 7 receptor alpha chain; interleukin 7 receptor isoform H5-6; Interleukin-7 receptor subunit alpha; anti-CD127 antibody

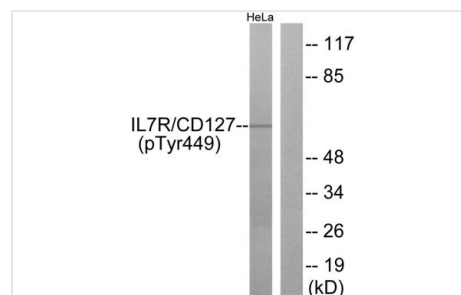
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CD127 antibody (Tyr449) detects endogenous levels of CD127 only when phosphorylated at tyrosine 449
Purity/Purification	CD127 antibody was purified by affinity chromatography
Form/Format	Supplied in liquid format, PBS buffer, pH 7.4, 150mM NaCl with added preservative 0.02% sodium azide and 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	459
Applicable Applications for anti-CD127 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Biological Significance	CD127 is a receptor for interleukin-7. Also acts as a receptor for thymic stromal lymphopoietin (TSLP).
Cross-Reactivity	Mouse - Reactive with proteins phosphorylated as follows: Human: Tyr449, Mouse: Tyr449
Immunogen	CD127 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human CD127 around the phosphorylation site of tyrosine 449 (E-A-YP-V-T) as the immunogen
Preparation and Storage	Aliquot and store at -20 degree C. Avoid repeated freeze thaw cycles

IMAGES



IF (Immunofluorescence)



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-CD127 antibody	Rabbit polyclonal CD127 antibody (Tyr449)
Product Categories/Family for anti-CD127 antibody	Signal Transduction; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	224697002
NCBI GeneID	100271930
UniProt Accession #	B9ZSM5
Molecular Weight	51,365 Da
NCBI Official Full Name	CD127 protein
NCBI Official Symbol	IL7R
NCBI Official Synonym Symbols	CD127
NCBI Protein Information	interleukin-7 receptor subunit alpha
UniProt Protein Name	CD127 protein
UniProt Gene Name	CD127
UniProt Entry Name	B9ZSM5_PIG

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/polyclonal/cd127-antibody-immunofluorescence-western-blot-elisa/224323>