

Anti-CD127 (pY449) Antibody
Rabbit polyclonal antibody to CD127 (pY449)
Catalog # AP61169

Specification

Anti-CD127 (pY449) Antibody - Product Information

Application	WB, IF/IC
Primary Accession	P16871
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51579

Anti-CD127 (pY449) Antibody - Additional Information

Gene ID 3575

Other Names

Interleukin-7 receptor subunit alpha; IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA; CDw127; CD127

Target/Specificity

Recognizes endogenous levels of CD127 (pY449) protein.

Dilution

WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)
IF/IC~~N/A

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CD127 (pY449) Antibody - Protein Information

Name IL7R

Function

Receptor for interleukin-7. Also acts as a receptor for thymic stromal lymphopoietin (TSLP).

Cellular Location

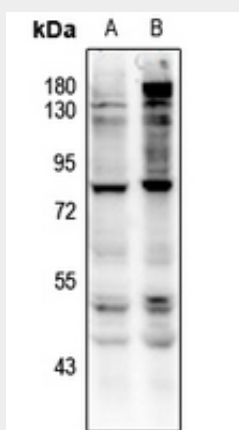
[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 4]: Secreted.

Anti-CD127 (pY449) Antibody - Protocols

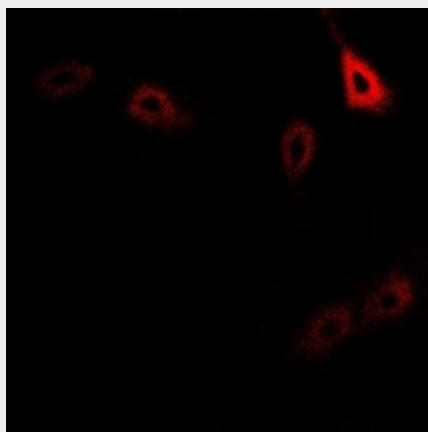
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

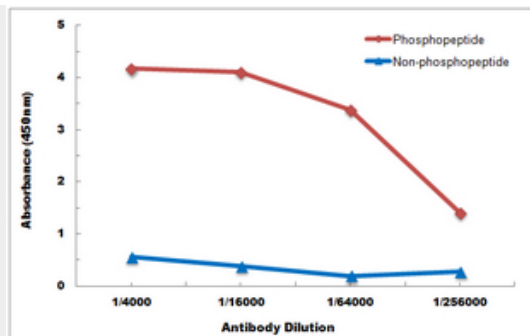
Anti-CD127 (pY449) Antibody - Images



Western blot analysis of CD127 (pY449) expression in HCT116 (A), HEK293T (B) whole cell lysates.



Immunofluorescent analysis of CD127 (pY449) staining in HuvEc cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Direct ELISA antibody dose-response curve using Anti-CD127 (pY449) Antibody. Antigen (phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.

Anti-CD127 (pY449) Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD127 (pY449). The exact sequence is proprietary.