

A11678

Leader in Biomolecular Solutions for Life Science



CD127/IL7R Rabbit mAb

Catalog No.: A11678

Recombinant

Basic Information

Observed MW

72kDa

Calculated MW

52kDa

Category

Monoclonal Antibody

Applications

WB,ELISA,IF-P

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC0672

Recommended Dilutions

WB 1:1000 - 1:2000

IF-P 1:100 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

 www.abclonal.com

Background

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). Alternatively spliced transcript variants have been found.

Immunogen Information

Gene ID

3575

Swiss Prot

P16871

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

ILRA; CD127; IL7RA; CDW127; IMD104; sIL-7R; Inc-IL7R; IL7Ralpha; IL-7Ralpha; IL-7R-alpha; CD127/IL7R

Product Information

Source

Rabbit

Isotype

IgG

Purification

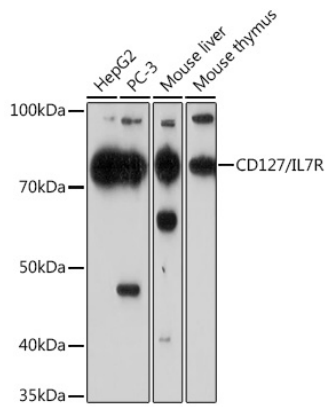
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using CD127/IL7R Rabbit mAb (A11678) at 1:1000 dilution.

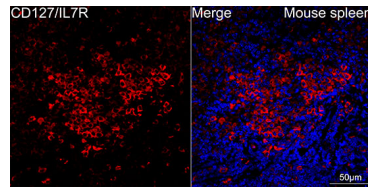
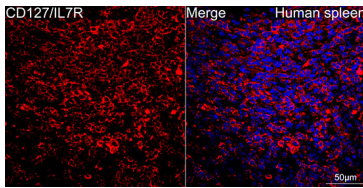
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Confocal imaging of human spleen using CD127/IL7R Rabbit mAb (A11678, at dilution of 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 40x. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.

Confocal imaging of mouse spleen using CD127/IL7R Rabbit mAb (A11678, at dilution of 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 40x. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.