

CD127/IL7R Monoclonal Antibody

CAB11678

Description

This CD127/IL7R Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB11678
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	ILRA, CD127, IL7RA, CDW127, IMD104, sIL-7R, lnc-IL7R, IL7Ralpha, IL-7Ralpha, IL-7R-alpha, CD127/IL7R
Clone:	ARC0672
Applications:	WB ELISA IF-P
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	3575
Uniprot:	AB_2861626
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	72kDa
Calculated MW:	52kDa

Preparation & Storage

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.

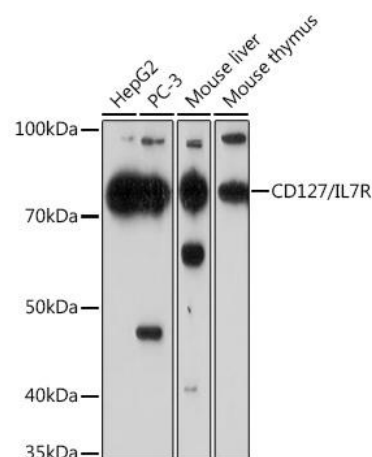
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Hep G2, PC-3, Mouse liver, Mouse thymus

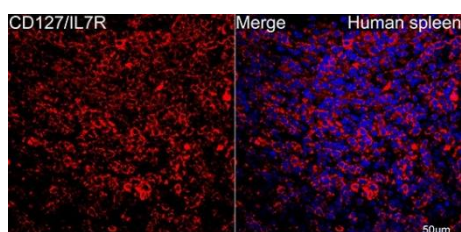
Recommended Dilutions:	WB	1:1000 - 1:2000
	IF-P	1:100 - 1:1000
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using /IL7R Rabbit mAb (CAB11678) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Confocal imaging of human spleen using /IL7R Rabbit mAb (CAB11678, 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.