

## CD127/IL7R Monoclonal Antibody

CAB11678

### Description

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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

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**SKU:** CAB11678

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Monoclonal Antibody

**Synonyms:** ILRA, CD127, IL7RA, CDW127, IMD104, sIL-7R, Inc-IL7R, IL7Ralpha, IL-7Ralpha, IL-7R-alpha, CD127/IL7R

**Clone:** ARC0672

**Applications:** WB ELISA IF-P

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**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.

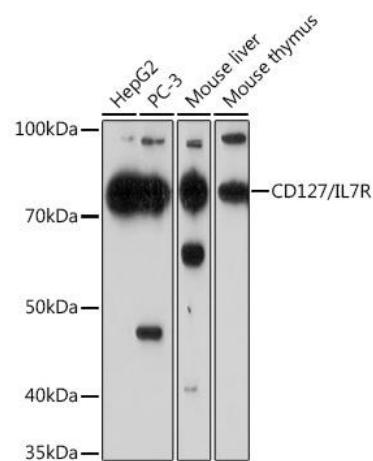
Store Bradford Reagent at Room Temperature for 1 Year.

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

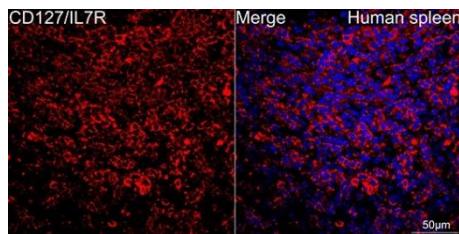
<b>Recommended Dilutions:</b>	<b>WB</b>	1:1000 - 1:2000
	<b>IF-P</b>	1:100 - 1:1000
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**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.