

Anti-IL7R antibody (300-400) [S6MR] (STJ11101386)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

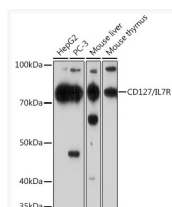
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IF/CC:1:100-1:1000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 52kDa Observed Mw: 72kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

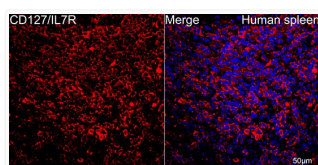
Gene ID	3575
Gene Symbol	IL7R
UniProt ID	IL7RA_HUMAN
Immunogen Region	300-400
Immunogen Sequence	PESFLDCQIHRVDDIQARDE VEGFLQDTFPQQLLEESEKQR LGGDVQSPNCPSEDVVITPE SFGRDSSLTCLAGNV SACDA PILSSSRSLDCRESGKNGPH V
Specificity	A synthetic peptide corresponding to a sequence within amino acids 300-400 of human CD127/IL7R (P16871).

ADDITIONAL INFORMATION

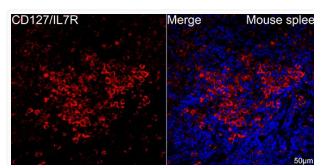
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using CD127/IL7R rabbit monoclonal antibody (STJ11101386) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Confocal imaging of human spleen using CD127/IL7R rabbit monoclonal antibody (STJ11101386, 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 monoclonal antibody (STJ11101386, 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.