

Anti-IL2 antibody (1-153) [S3947RM] (STJ11103947)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/FC/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

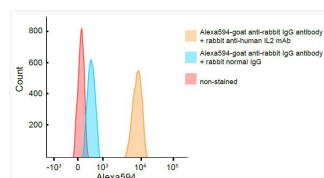
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 FC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 18kDa Observed Mw: 14kDa/15kDa/16kDa/18kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

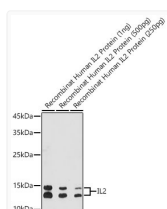
Gene ID	3558
Gene Symbol	IL2
UniProt ID	IL2_HUMAN
Immunogen Region	1-153
Immunogen Sequence	MYRMQLLSIALSLALVTNS APTSSSTKKTQLQLEHLLLD LQMILNGINNYKNPKLTRML TFKFYMPKKATELKHLCLE EELKPLEEVNLNAQSKNFHL RPRDLISINIVIVLELKGSE TTFMCEYADETATIVEFLNR WITFCQSIISTLT
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-153 of human IL2 (NP_000577.2).

ADDITIONAL INFORMATION

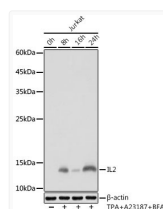
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Flow cytometry was performed with Jurkat cells.



Western blot analysis of recombinant Human IL2 Protein using IL2 Rabbit monoclonal antibody (STJ11103947) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 250pg- 1ng per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of lysates from Jurkat cells, using IL2 Rabbit monoclonal antibody (STJ11103947) at 1:1000 dilution. Jurkat cells were treated by TPA (40 nM), A23187 (2 μ M) and Brefeldin A (300 ng/ml) for 0-24 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.