

Datasheet for ABIN768570
anti-IL7R antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	IL7R
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IL7R antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	CD127 / IL7R (mouse)
Immunogen:	Peptide with sequence DDHSFWCHSQLE, from the internal region (near N Terminus) of the protein sequence according to NP_032398.3.
Sequence:	DDHSFWCHSQ LE
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

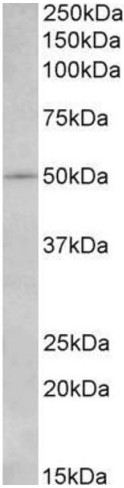
Target:	IL7R
Alternative Name:	IL7R (IL7R Products)
Background:	IL7R, interleukin 7 receptor, CD127, IL-7R-alpha, IL7RA, ILRA, CD127 antigen, IL-7 receptor subunit alpha, IL-7R subunit alpha, IL-7RA, interleukin 7 receptor alpha chain, interleukin 7 receptor isoform H5-6, interleukin-7 receptor subunit alpha, MGC10755
Molecular Weight:	51.6kDa according to NP_032398.3
Gene ID:	16197, 294797
NCBI Accession:	NP_032398
Pathways:	JAK-STAT Signaling , Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response , Regulation of Cell Size

Application Details

Application Notes:	Western Blot: Preliminary testing showed a band at approx 50 kDa in NIH3T3 cell lysate, and 55 kDa in Mouse Duodenum lysate after 1-2 µg/mL antibody staining (calculated MW of 51.6 kDa according to Mouse NP_032398.3). Primary incubation 1 hour at room temperature Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN768570 (2µg/ml) staining of NIH3T3 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.