

## IL7 antibody (Biotin)

## Cat. No. GTX48673

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ELISA, IHC
Reactivity	Human

## Package

50 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:2000-1:10000
ELISA	1:20000-1:100000
IHC	1:1:1000-1:5000

Not tested in other applications.

Calculated MW 20 kDa. ([Note](#))

## Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl, 1% BSA
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length recombinant human IL-7 protein.
Purification	IgG fraction This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.
Conjugation	Biotin



For full product information, images and publications, please visit our [website](#).

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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

130  
96  
72  
55  
36  
28  
17

**GTx48673 WB Image**

Anti-Human IL-7 antibody shows detection of a band ~17 kDa in size corresponding to recombinant human IL-7. The identity of the faint higher molecular weight band may represent a homodimer. Molecular weight markers are also shown (left). After transfer, the membrane was blocked overnight with 3% BSA in TBS followed by reaction with primary antibody at a 1:1,000 dilution. Detection occurred using peroxidase conjugated anti-Rabbit IgG (GTx27090) secondary antibody diluted 1:40,000 in blocking buffer for 30 min at RT followed by reaction with FemtoMax™ chemiluminescent substrate.

130  
96  
72  
55  
36  
28  
17

**GTx48673 WB Image**

WB analysis of recombinant human IL7 protein using GTx48673 IL7 antibody (Biotin).  
Dilution : 1:1000

130  
96  
72  
55  
36  
28  
17

**GTx48673 WB Image**

WB analysis of recombinant human IL7 protein using GTx48673 IL7 antibody (Biotin).  
Loading : 50 ng  
Dilution : 1:1000



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