

IL7 Receptor alpha (phospho Tyr449) antibody

Cat. No. GTX48714

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

Package
50 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:10000
ELISA	1:5000-1:50000
IHC	Assay dependent

Not tested in other applications.

Calculated MW 52 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
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	0.72 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to residues near Y449 of mouse IL-7 protein.
Purification	Purified by antigen-affinity chromatography. From serum
Conjugation	Unconjugated

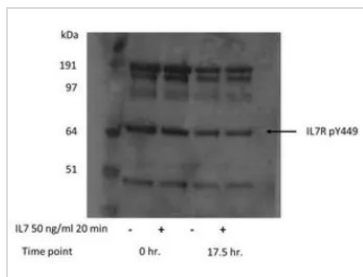
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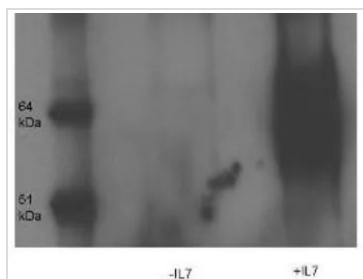
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DATA IMAGES



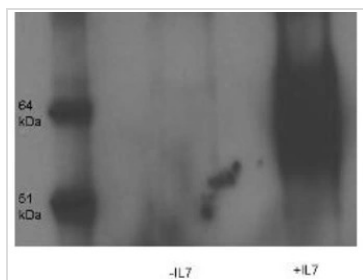
GTX48714 WB Image

Western Blot of Rabbit anti- IL-7-Receptor-alpha-chain-pY449 antibody (GTX48714). Load: thymocyte D1 cells treated with or without IL-7 (50 ng/ml) for 20 min. Primary antibody: IL7pY449 antibody at 1:1000 for overnight at 4°C. Secondary antibody: IRDye800™ rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 55 kDa, ~64 kDa for IL7pY449. Other band(s): unpecifics.



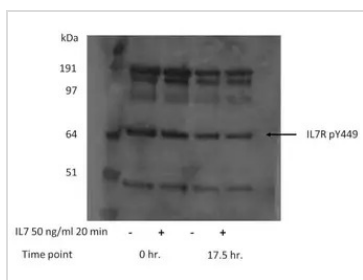
GTX48714 WB Image

Immunoprecipitation of Rabbit anti- IL-7-Receptor-alpha-chain-pY449 antibody. Lane 1: thymocyte D1 cells. Lane 2: thymocyte D1 cells treated with IL7 (50 ng/ml). IP: with anti-Phosphotyrosine conjugated to Protein G agarose. Primary antibody: IL7pY449 antibody at 1:10000 for overnight at 4°C. Secondary antibody: HRP-conjugated goat anti-rabbit antibody at 1:10,000 for 45 min at RT and ECL detection. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 55 kDa, ~64 kDa for IL7pY449. Other band(s): unpecifics.



GTX48714 WB Image

WB analysis of IL7-treated and untreated D1 whole cell lysate using GTX48714 IL7 Receptor alpha (phospho Tyr449) antibody. IP with anti-phosphotyrosine antibody
Dilution : 1:10000



GTX48714 WB Image

WB analysis of IL7-treated and untreated D1 whole cell lysate using GTX48714 IL7 Receptor alpha (phospho Tyr449) antibody.
Dilution : 1:1000



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