

Datasheet for ABIN7425653  
**anti-IL-2 antibody (AA 21-153)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	IL-2 (IL2)
Binding Specificity:	AA 21-153
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL-2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Interleukin 2 (IL2)
Immunogen:	Recombinant Interleukin 2 (IL2) corresponding to Ala21~Thr153 with N-terminal His Tag
Clone:	C5
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IL2. It has been selected for its ability to recognize IL2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

Target:	IL-2 (IL2)
Alternative Name:	Interleukin 2 ( <a href="#">IL2 Products</a> )
Background:	TCGF, Lymphokine, T-Cell Growth Factor, Aldesleukin
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Activated T Cell Proliferation</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

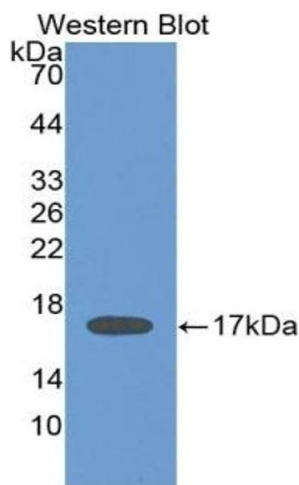
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



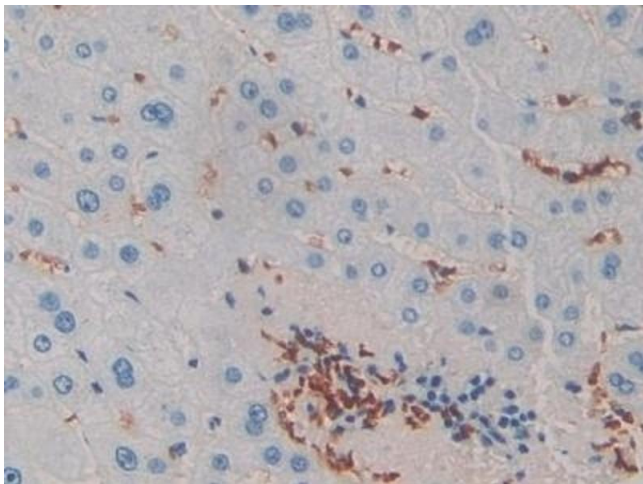
**Western Blotting**

**Image 1.** Detection of IL2 in Rat Stomach lysate using Monoclonal Antibody to Interleukin 2 (IL2)



**Western Blotting**

**Image 2.** Detection of Recombinant IL2, Human using Monoclonal Antibody to Interleukin 2 (IL2)



**Immunohistochemistry**

**Image 3.** Detection of IL2 in Human Liver Tissue using Monoclonal Antibody to Interleukin 2 (IL2)