

Datasheet for ABIN390899  
**anti-IL-2 antibody (AA 50-77)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	IL-2 (IL2)
Binding Specificity:	AA 50-77
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This IL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 50-77 amino acids from the Central region of human IL2.
Clone:	RB21236
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	IL-2 (IL2)
Alternative Name:	IL2 ( <a href="#">IL2 Products</a> )
Background:	IL2 is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The

## Target Details

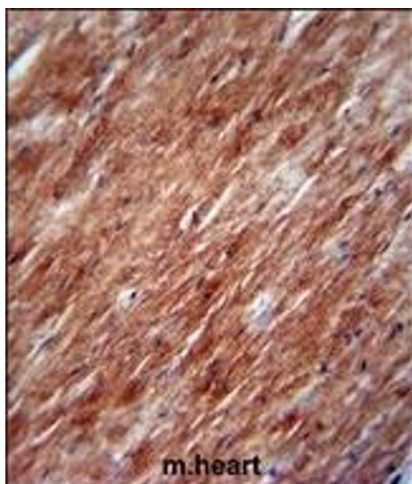
	receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7(IL7).
Molecular Weight:	17628
Gene ID:	3558
NCBI Accession:	<a href="#">NP_000577</a>
UniProt:	<a href="#">P60568</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <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:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

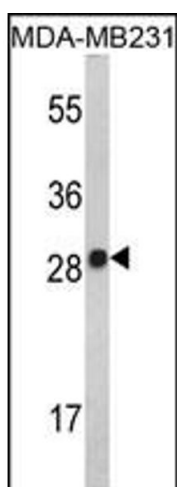
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** IL2 Antibody (Center) (ABIN390899 and ABIN2841106) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IL2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



#### Western Blotting

**Image 2.** Western blot analysis of IL2 Antibody (Center) (ABIN390899 and ABIN2841106) in MDA-M cell line lysates (35 µg/lane). IL2 (arrow) was detected using the purified Pab.