

Datasheet for ABIN7428812  
**anti-IL12B antibody (AA 30-320)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	IL12B
Binding Specificity:	AA 30-320
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL12B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Interleukin 12B (IL12B)
Immunogen:	Recombinant Interleukin 12B (IL12B) corresponding to Val30~Ser320 with N-terminal His Tag
Clone:	C2
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IL12B. It has been selected for its ability to recognize IL12B in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

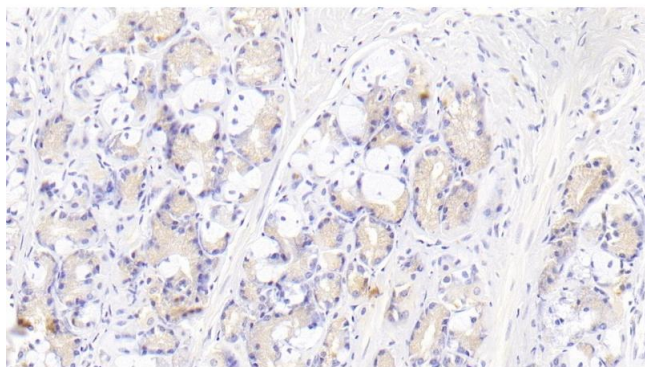
Target:	IL12B
Alternative Name:	Interleukin 12B ( <a href="#">IL12B Products</a> )
Background:	P40, IL12-B, CLMF2, NKSF2, Natural Killer Cell Stimulatory Factor 2, Cytotoxic Lymphocyte Maturation Factor 2, Interleukin 23, P40 Subunit
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</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

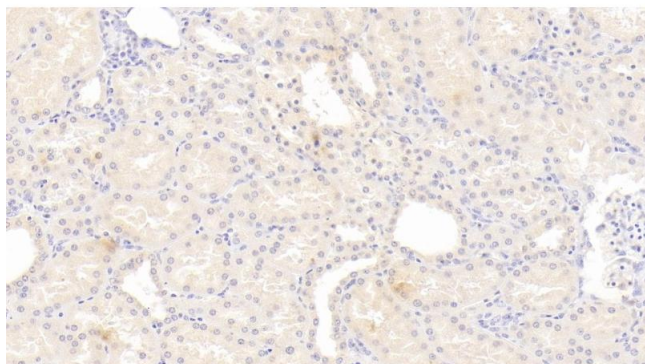
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	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



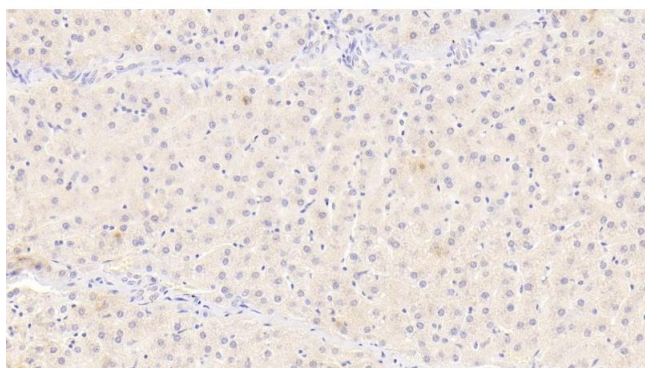
#### Immunohistochemistry

**Image 1.** Detection of IL12B in Human Stomach Tissue using Monoclonal Antibody to Interleukin 12B (IL12B)



#### Immunohistochemistry

**Image 2.** Detection of IL12B in Human Kidney Tissue using Monoclonal Antibody to Interleukin 12B (IL12B)



#### Immunohistochemistry

**Image 3.** Detection of IL12B in Human Liver Tissue using Monoclonal Antibody to Interleukin 12B (IL12B)