

Datasheet for ABIN7443752  
**anti-CD80 antibody (AA 38-246)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	CD80
Binding Specificity:	AA 38-246
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD80 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to B-Lymphocyte Activation Antigen B7-1 (LAB7-1)
Immunogen:	Recombinant B-Lymphocyte Activation Antigen B7-1 (LAB7-1) corresponding to Asp38~Asn246 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against LAB7-1. It has been selected for its ability to recognize LAB7-1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	CD80
---------	------

## Target Details

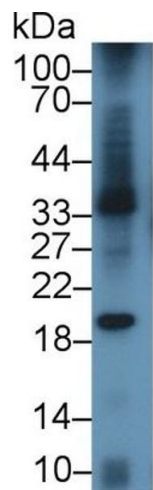
Alternative Name:	B-Lymphocyte Activation Antigen B7-1 ( <a href="#">CD80 Products</a> )
Background:	CD80, CD28LG, CD28LG1, BB1, B7-1 Antigen, T-lymphocyte activation antigen CD80, CTLA-4 counter-receptor B7.1
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Cancer Immune Checkpoints</a>

## Application Details

Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 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

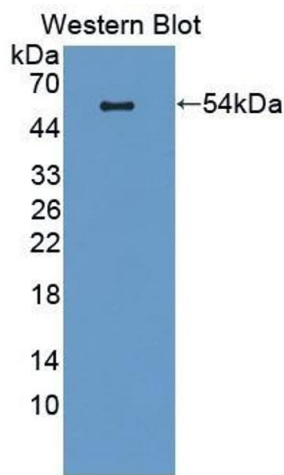
## Handling

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



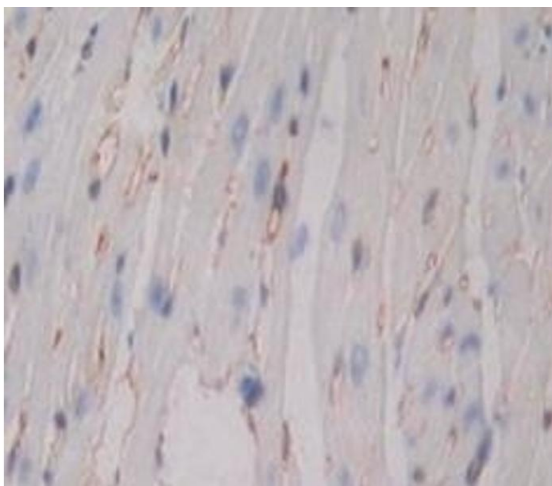
Western Blotting

**Image 1.** Detection of LAB7-1 in Mouse Spleen lysate using Polyclonal Antibody to B-Lymphocyte Activation Antigen B7-1 (LAB7-1)



Western Blotting

**Image 2.** Detection of Recombinant LAB7-1, Mouse using Polyclonal Antibody to B-Lymphocyte Activation Antigen B7-1 (LAB7-1)



Immunohistochemistry

**Image 3.** #VALUE!