

Datasheet for ABIN7426229  
**anti-CTLA4 antibody (AA 52-211)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	100 µL
Target:	CTLA4
Binding Specificity:	AA 52-211
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CTLA4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Cytotoxic T-Lymphocyte Associated Antigen 4 (CTLA4)
Immunogen:	Recombinant Cytotoxic T-Lymphocyte Associated Antigen 4 (CTLA4) corresponding to Gly52~Cys211 with N-terminal His Tag
Clone:	D4
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CTLA4. It has been selected for its ability to recognize CTLA4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

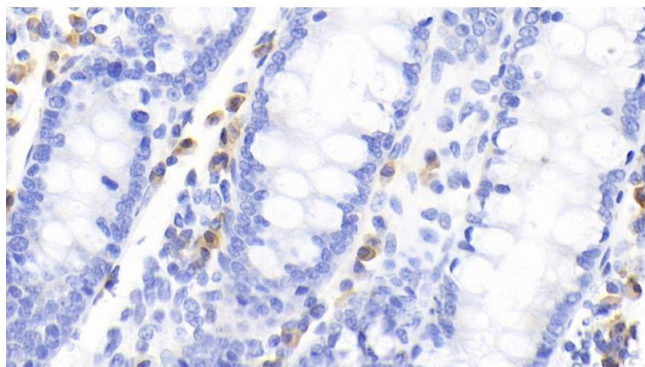
Target:	CTLA4
Alternative Name:	CTLA4 ( <a href="#">CTLA4 Products</a> )
Background:	CD152, CELIAC3, CTLA4, GSE, IDDM12, Celiac Disease 3, Cytotoxic T-lymphocyte protein 4
UniProt:	<a href="#">P16410</a>
Pathways:	<a href="#">Cancer Immune Checkpoints</a>

## Application Details

Application Notes:	Western blotting: 0.01-2 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

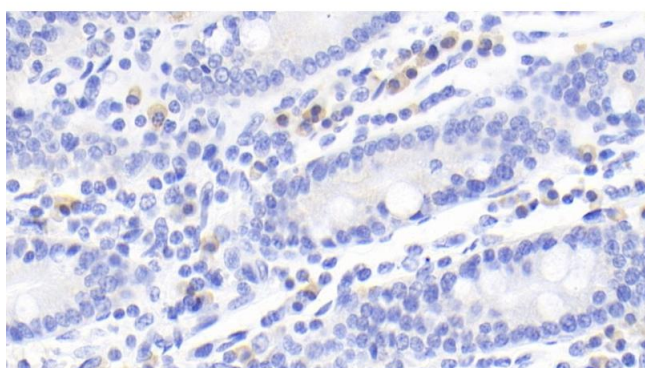
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	ProClin, Sodium azide
Precaution of Use:	This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES 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 CTLA4 in Human Colon Tissue using Monoclonal Antibody to Cytotoxic T-Lymphocyte Associated Antigen 4 (CTLA4)



#### Immunohistochemistry

**Image 2.** Detection of CTLA4 in Human Small intestine Tissue using Monoclonal Antibody to Cytotoxic T-Lymphocyte Associated Antigen 4 (CTLA4)