

Datasheet for ABIN7143283

anti-ADA antibody (AA 157-343)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	ADA
Binding Specificity:	AA 157-343
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Adenosine deaminase protein (157-343AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ADA
Alternative Name:	ADA (ADA Products)
Background:	Background: Catalyzes the hydrolytic deamination of adenosine and 2-deoxyadenosine. Plays an important role in purine metabolism and in adenosine homeostasis. Modulates signaling by

Target Details

extracellular adenosine, and so contributes indirectly to cellular signaling events. Acts as a positive regulator of T-cell coactivation, by binding DPP4. Its interaction with DPP4 regulates lymphocyte-epithelial cell adhesion.

Aliases: ada antibody, ADA_HUMAN antibody, ADA1 antibody, Adenosine aminohydrolase antibody, Adenosine deaminase antibody

UniProt: [P00813](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

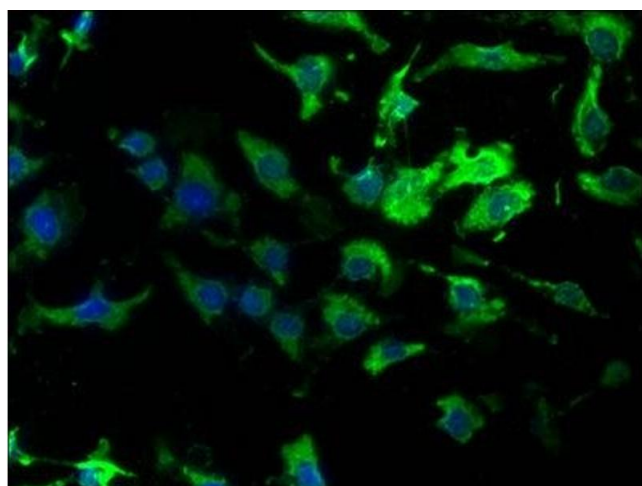
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

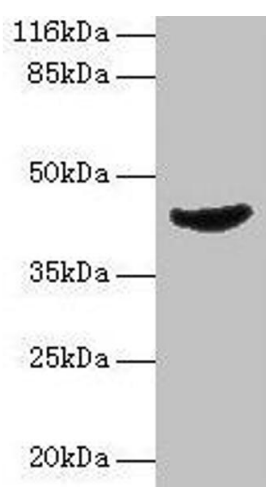
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



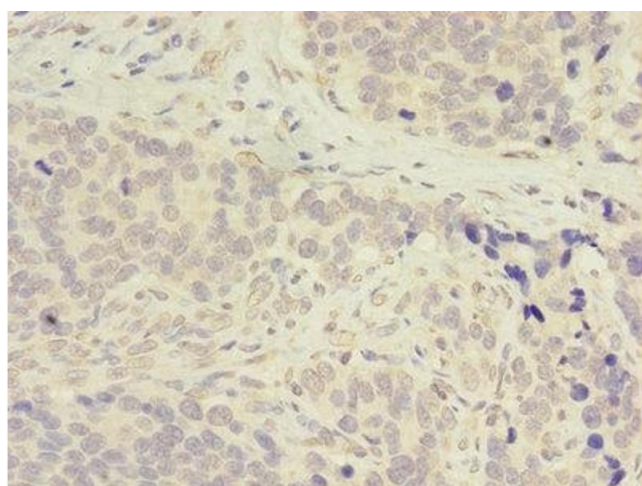
Immunofluorescence

Image 1. Immunofluorescence staining of U251 cells with ABIN7143283 at 1:160, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



Western Blotting

Image 2. Western blot All lanes: ADA antibody at 2 µg/mL + Jurkat whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 41 kDa Observed band size: 41 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human gastric cancer using ABIN7143283 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7143283.