



[Go to Product page](#)

Datasheet for ABIN7162103

anti-MACROD1 antibody (AA 83-325)

1 Image

Overview

Quantity:	100 µg
Target:	MACROD1
Binding Specificity:	AA 83-325
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MACROD1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human O-acetyl-ADP-ribose deacetylase MACROD1 protein (83-325AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MACROD1
Alternative Name:	MACROD1 (MACROD1 Products)
Background:	Background: Removes ADP-ribose from glutamate residues in proteins bearing a single ADP-ribose moiety. Inactive towards proteins bearing poly-ADP-ribose. Deacetylates O-acetyl-ADP

Target Details

ribose, a signaling molecule generated by the deacetylation of acetylated lysine residues in histones and other proteins. Plays a role in estrogen signaling. Binds to androgen receptor (AR) and amplifies the transactivation function of AR in response to androgen. May play an important role in carcinogenesis and/or progression of hormone-dependent cancers by feed-forward mechanism that activates ESR1 transactivation. Could be an ESR1 coactivator, providing a positive feedback regulatory loop for ESR1 signal transduction. Could be involved in invasive growth by down-regulating CDH1 in endometrial cancer cells. Enhances ESR1-mediated transcription activity.

Aliases: MACROD1 antibody, LRP16 antibody, ADP-ribose glycohydrolase MACROD1 antibody, MACRO domain-containing protein 1 antibody, O-acetyl-ADP-ribose deacetylase MACROD1 antibody, EC 3.1.1.106 antibody, Protein LRP16 antibody, [Protein ADP-ribosylaspartate] hydrolase MACROD1 antibody, EC 3.2.2.- antibody, [Protein ADP-ribosylglutamate] hydrolase MACROD1 antibody, EC 3.2.2.- antibody

UniProt: [Q9BQ69](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

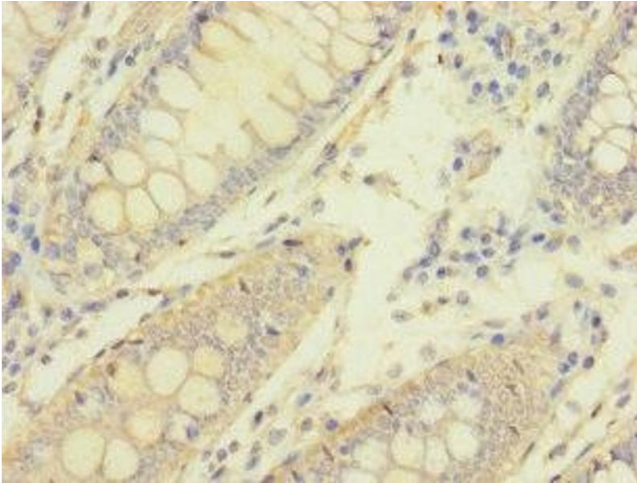
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7162103 at dilution of 1:100