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Datasheet for ABIN7149535

**anti-Nitrilase 1 antibody (AA 1-243) (Biotin)**

## Overview

Quantity:	100 µg
Target:	Nitrilase 1 (NIT1)
Binding Specificity:	AA 1-243
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nitrilase 1 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Deaminated glutathione amidase protein (1-243AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	Nitrilase 1 (NIT1)
Alternative Name:	NIT1 ( <a href="#">NIT1 Products</a> )
Background:	Background: Catalyzes the hydrolysis of the amide bond in N-(4-oxoglutarate)-L-cysteinylglycine (deaminated glutathione), a metabolite repair reaction to dispose of the

## Target Details

harmful deaminated glutathione. Plays a role in cell growth and apoptosis: loss of expression promotes cell growth, resistance to DNA damage stress and increased incidence to NMBA-induced tumors. Has tumor suppressor properties that enhances the apoptotic responsiveness in cancer cells, this effect is additive to the tumor suppressor activity of FHIT. It is also a negative regulator of primary T-cells.

Aliases: MGC57670 antibody, NIT1 antibody, NIT1\_HUMAN antibody, Nitrilase 1 antibody, Nitrilase homolog 1 antibody

UniProt: [Q86X76](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.