
Summary

Production Name	NIT1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	NIT1
Alternative Names	Nitrilase homolog 1
Gene ID	4817
SwissProt ID	Q86X76

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
Molecular Weight	Calculated MW: 36 kDa; Observed MW: 36 kDa

Background

Product Name: NIT1 Rabbit Monoclonal Antibody
Catalog #: AMRe02345

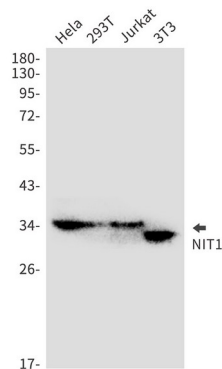


Catalyzes the hydrolysis of the amide bond in N-(4-oxoglutarate)-L-cysteinylglycine (deaminated glutathione), a metabolite repair reaction to dispose of the harmful deaminated glutathione. Plays a role in cell growth and apoptosis: loss of expression promotes cell growth, resistance to DNA damage stress 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.

Research Area

Cell Biology

Image Data



Western blot analysis of NIT1 in HeLa, 293T, Jurkat, 3T3 lysates using NIT1 antibody.

Note

For research use only.