



# Anti-NIT1 monoclonal antibody, clone 5E23 (DCABH-735)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to NIT1
<b>Antigen Description</b>	Play a role in cell growth and apoptosis: loss of expression promotes cell growth and resistance to DNA damage stress. 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. Has apparently no omega-amidase activity such as NIT2.
<b>Immunogen</b>	Recombinant full length Human NIT1 produced in HEK293T cells (NP_005591).
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5E23
<b>Purification</b>	This antibody was purified from mouse ascites fluids by affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P, Flow Cyt, ICC/IF
<b>Positive Control</b>	NIT1 transfected HEK293T cell lysate, Human Adenocarcinoma of ovary tissue, NIT1 transiently transfected COS7 cells, HT29 cells,
<b>Format</b>	Liquid
<b>Size</b>	100 µl

<b>Buffer</b>	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	store at -20°C. Avoid freeze / thaw cycles.
<b>Ship</b>	Shipped at 4°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">NIT1 nitrilase 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	NIT1
<b>Synonyms</b>	NIT1; nitrilase 1; nitrilase homolog 1; MGC57670;
<b>Entrez Gene ID</b>	<a href="#">4817</a>
<b>Protein Refseq</b>	<a href="#">NP_001172021</a>
<b>UniProt ID</b>	<a href="#">Q86X76</a>
<b>Chromosome Location</b>	1q21-q22
<b>Function</b>	hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds; nitrilase activity;