

UNG monoclonal antibody (M01), clone 4C12

Catalog # H00007374-M01

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant UNG.
Immunogen	UNG (AAH50634, 86 a.a. ~ 190 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GESWKKHLSGEFGKPYFIKLMGFVAEERKHYTEVYPPPHQVFTWTQMCDIKDVKVVILGQDPYHGP NQAHGCLCFVQRPVPPPPSLENIYKELSTDIEDFVHPGHG
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — UNG

Entrez GeneID	7374
GeneBank Accession#	BC050634
Protein Accession#	AAH50634
Gene Name	UNG

Gene Alias	DGU, DKFZp781L1143, HIGM4, UDG, UNG1, UNG15, UNG2
Gene Description	uracil-DNA glycosylase
Omim ID	191525 608106
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of several uracil-DNA glycosylases. One important function of uracil-DNA glycosylases is to prevent mutagenesis by eliminating uracil from DNA molecules by cleaving the N-glycosylic bond and initiating the base-excision repair (BER) pathway. Uracil bases occur from cytosine deamination or misincorporation of dUMP residues. Alternative promoter usage and splicing of this gene leads to two different isoforms: the mitochondrial UNG1 and the nuclear UNG2. [provided by RefSeq
Other Designations	uracil-DNA glycosylase 1 , uracil-DNA glycosylase 2 uracil-DNA glycosylase 2

Pathway

- [Base excision repair](#)
- [Primary immunodeficiency](#)

Disease

- [Breast cancer](#)
- [DNA Damage](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Immunologic Deficiency Syndromes](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Prostatic Neoplasms](#)
- [Severe Combined Immunodeficiency](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)