

For Research Use Only

UNG Recombinant monoclonal antibody

Catalog Number: 86880-6-RR



Basic Information

Catalog Number:

86880-6-RR

Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3072

GenBank Accession Number:

BC015205

GeneID (NCBI):

7374

UNIPROT ID:

P13051

Full Name:

uracil-DNA glycosylase

Calculated MW:

304 aa, 34 kDa

Observed MW:

28 kDa, 34-40 kDa

Purification Method:

Protein A purification

CloneNo.:

251858B3

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, Jurkat cells, HT-29 cells

Background Information

UNG(Uracil-DNA glycosylase) removes uracil in DNA resulting from deamination of cytosine or replicative incorporation of dUMP instead of dTMP. Thus, UNG plays a role in suppressing GC-to-AT transition mutations. The UNG gene encodes 2 isoforms that are individually targeted to the mitochondria and the nucleus(PMID:12369930). Defects in UNG are a cause of immunodeficiency with hyper-IgM type 5 (HIGM5).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

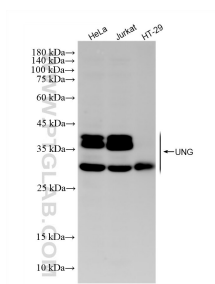
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86880-6-RR (UNG antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.