

For Research Use Only

UNG Recombinant monoclonal antibody, PBS Only

Catalog Number: 86880-6-PBS



Basic Information

Catalog Number: 86880-6-PBS	GenBank Accession Number: BC015205	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7374	CloneNo.: 251858B3
Source: Rabbit	UNIPROT ID: P13051	
Isotype: IgG	Full Name: uracil-DNA glycosylase	
Immunogen Catalog Number: AG3072	Calculated MW: 304 aa, 34 kDa	
	Observed MW: 28 kDa, 34-40 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

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

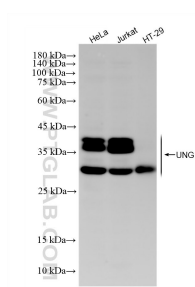
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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. This data was developed using the same antibody clone with 86880-6-PBS in a different storage buffer formulation.