



Human DNASE2 blocking peptide (CDBP1030)

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

PRODUCT INFORMATION

Product Overview	DNase II (C - term) peptide (human)
Antigen Description	This gene encodes a member of the DNase family. The protein, located in the lysosome, hydrolyzes DNA under acidic conditions and mediates the breakdown of DNA during erythropoiesis and apoptosis. Two codominant alleles have been characterized, DNASE2*L (low activity) and DNASE2*H (high activity), that differ at one nucleotide in the promoter region. The DNASE2*H allele is represented in this record.
Nature	Synthetic
Expression System	N/A
Species	Human
Species Reactivity	Human
Conjugate	Unconjugated
Applications	BL
Procedure	None
Concentration	0.2 mg/ml
Size	50 µg
Buffer	PBS with 0.1% BSA 0.02% sodium azide pH7.2
Preservative	0.02% Sodium Azide
Storage	Upon Receipt - Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name	DNASE2 deoxyribonuclease II, lysosomal [Homo sapiens]
Official Symbol	DNASE2
Synonyms	DNASE2; deoxyribonuclease II, lysosomal; DNL, DNL2; deoxyribonuclease-2-alpha; R31240_2; acid DNase; DNase II alpha; lysosomal DNase II; DNase II, lysosomal; deoxyribonuclease II alpha; DNL; DNL2; DNASE2A;
Entrez Gene ID	1777
mRNA Refseq	NM_001375
Protein Refseq	NP_001366
UniProt ID	O00115
Chromosome Location	19p13.2-q13.2
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Lysosome Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;
Function	DNA binding; deoxyribonuclease II activity; endodeoxyribonuclease activity; hydrolase activity;