



Anti-DNASE2B monoclonal antibody (DCABH-11308)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene shares considerable sequence similarity to, and is structurally related to DNase II. The latter is a well characterized endonuclease that catalyzes DNA hydrolysis in the absence of divalent cations at acidic pH. Unlike DNase II which is ubiquitously expressed, expression of this gene product is restricted to the salivary gland and lungs. The gene has been localized to chromosome 1p22.3 adjacent (and in opposite orientation) to the uricase pseudogene. Two transcript variants encoding different isoforms have been described for this gene.
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Immunogen	A synthetic peptide of human DNASE2B is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	DNASE2B deoxyribonuclease II beta [Homo sapiens]
Official Symbol	DNASE2B
Synonyms	DNASE2B; deoxyribonuclease II beta; deoxyribonuclease-2-beta; DLAD; DNase II beta; endonuclease DLAD; lysosomal DNase II; DNase2-like acid DNase; DNase II-like acid DNase;
Entrez Gene ID	58511
Protein Refseq	NP_067056
UniProt ID	Q66K39
Chromosome Location	1p22.3
Pathway	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem.
Function	deoxyribonuclease II activity; endodeoxyribonuclease activity; hydrolase activity;