



Mouse anti-Human GDA monoclonal antibody, clone 2E6 (CABT-B10314)

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

PRODUCT INFORMATION

Immunogen	GDA (AAH53584, 1 a.a. ~ 455 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2E6
Conjugate	Unconjugated
Applications	sELISA, ELISA
Sequence Similarities	MCAAQMPPLAHIFRGTFVHSTWTCMEVLRDHLLGVSDSGKIVFLEEASQQEKLAKIEWCF KPCEIRELSHHEFFMPGLVDTHIHASQYSFAGSSIDLPLEWLTKYTFPAEHRFQNIIDFA EEVYTRVVRRTLKNGTTTACYFATIHTDSSLLADITDKFGQRAFGKVCMDLNDTFPEY KETTEESIKETERFVSEMLQKNYSRVKPIVTPRFSLSLSCSETLMGELGNIKTRDLHIQSH ISENRDEVEAVKNLY
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes an enzyme responsible for the hydrolytic deamination of guanine. Studies in rat ortholog suggest this gene plays a role in microtubule assembly. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]
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Keywords	GDA; guanine deaminase; CYPIN; GUANASE; NEDASIN; GAH; p51-nedasin; guanine aminase; guanine aminohydrolase; cytoplasmic PSD95 interactor;
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GENE INFORMATION

Entrez Gene ID	9615
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Pathway	Metabolic pathways, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Purine catabolism, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem
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Function	guanine deaminase activity; guanine deaminase activity; hydrolase activity; metal ion binding; zinc ion binding
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