

A4GALT monoclonal antibody (M08), clone 3E12

Catalog # H00053947-M08

Size 50 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant A4GALT.
Immunogen	A4GALT (NP_059132, 254 a.a. ~ 353 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LTRVFKKWCSIRSLAESRACRGVTTLPEAFYIPWQDWKKYFEDINPEELPRLLSATYAVHVWN KKSQGTRFEATSRALLAQLHARYCPTTHEAMKMYL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (80)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — A4GALT

Entrez GeneID	53947
GeneBank Accession#	NM_017436

Protein Accession#	NP_059132
Gene Name	A4GALT
Gene Alias	A14GALT, A4GALT1, P1, PK
Gene Description	alpha 1,4-galactosyltransferase
Omim ID	111400 607922
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene catalyzes the transfer of galactose to lactosylceramide to form globotriaosylceramide, which has been identified as the P(k) antigen of the P blood group system . The encoded protein, which is a type II membrane protein found in the Golgi, is also required for the synthesis of the bacterial verotoxins receptor. [provided by RefSeq]
Other Designations	CD77 synthase GB3 synthase P blood group (P one antigen) P(k) antigen synthase P1/Pk synthase UDP-galactose:beta-D-galactosyl-beta1-R 4-alpha-D-galactosyltransferase alpha-1,4-N-acetylglucosaminyltransferase alpha4Gal-T1 globotriaosylceramide synthase lac

Pathway

- [Glycosphingolipid biosynthesis - globo series](#)
- [Metabolic pathways](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)