



Anti-GALM monoclonal antibody (DCABH-11665)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes an enzyme that catalyzes the epimerization of hexose sugars such as glucose and galactose. The encoded protein is expressed in the cytoplasm and has a preference for galactose. The encoded protein may be required for normal galactose metabolism by maintaining the equilibrium of alpha and beta anomers of galactose
Immunogen	A synthetic peptide of human GALM 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	GALM galactose mutarotase (aldose 1-epimerase) [Homo sapiens]
Official Symbol	GALM

Synonyms	GALM; galactose mutarotase (aldose 1-epimerase); aldose 1-epimerase; aldose 1 epimerase; galactomutarotase; IBD1; BLOCK25;
Entrez Gene ID	130589
Protein Refseq	NP_620156
UniProt ID	Q96C23
Chromosome Location	2p22.3
Pathway	Glycolysis / Gluconeogenesis, organism-specific biosystem; Glycolysis / Gluconeogenesis, conserved biosystem; galactose degradation I (Leloir pathway), organism-specific biosystem; sucrose degradation V (mammalian), organism-specific biosystem; sucrose degradation V (mammalian), conserved biosystem.
Function	aldose 1-epimerase activity; carbohydrate binding; isomerase activity;