

GALM mouse monoclonal antibody (hybridoma)

Catalog # H00130589-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant GALM.
Immunogen	GALM (NP_620156.1, 1 a.a. ~ 342 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MASVTRAVFGELPSGGGTVEKFQLQSDLLRVDIISWGCTITALEVKDRQGRASDVVLGFAELEGY LQKQPYFGAVIGRVANRIAKGTFKVDGKEYHLAINKEPNSLHGGVGRGFDKVLWTPRVLSNGVQFS RISPDGEEGYPGELKVWVTYTLGGELVNYRAQASQATPVNLTNHSYFNLAGQASPNINDHEVTIE ADTYLPVDETLIPTGEVAPVQGTAFDLRKPVELGKHLQDFHLNGFDHNFCLKGSKEKHFCARVHH AASGRVLEVYTTQPGVQFYTGNFLDGLKGKNGAVYPKHSGFCLETQNWPDVAVNQPRFPPVLLR PGEEYDHTTWFKFSVA
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GALM

Entrez GeneID [130589](#)**GeneBank Accession#** [NM_138801.1](#)**Protein Accession#** [NP_620156.1](#)**Gene Name** GALM**Gene Alias** BLOCK25**Gene Description** galactose mutarotase (aldose 1-epimerase)**Gene Ontology** [Hyperlink](#)

Gene Summary 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

Other Designations aldose 1 epimerase

Pathway

- [Glycolysis / Gluconeogenesis](#)