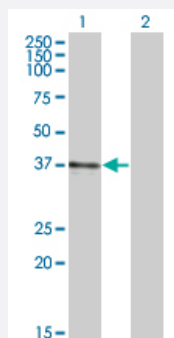


# B3GAT3 monoclonal antibody (M01A), clone 4C12

Catalog # H00026229-M01A

Size 200 uL

## Applications

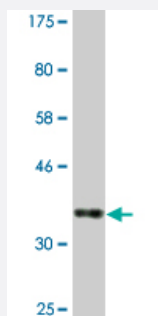


### Western Blot (Transfected lysate)

Western Blot analysis of B3GAT3 expression in transfected 293T cell line by B3GAT3 monoclonal antibody (M01A), clone 4C12.

Lane 1: B3GAT3 transfected lysate (37.1 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (36.74 KDa).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant B3GAT3.
<b>Immunogen</b>	B3GAT3 (NP_036332, 236 a.a. ~ 335 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	VVGFTAWEPSRPFVDMAGFAVALPLLLDKPNAQFDSTAPRGHLESSLLSHLVDPKDLEPRA ANCTRVLVWHTRTEKPKMKQEEQLQRQGRGSDPAIEV
<b>Host</b>	Mouse
<b>Reactivity</b>	Human

Interspecies Antigen Sequence	Mouse (95); Rat (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of B3GAT3 expression in transfected 293T cell line by B3GAT3 monoclonal antibody (M01A), clone 4C12.

Lane 1: B3GAT3 transfected lysate(37.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — B3GAT3

Entrez GeneID	<a href="#">26229</a>
GeneBank Accession#	<a href="#">NM_012200</a>
Protein Accession#	<a href="#">NP_036332</a>
Gene Name	B3GAT3
Gene Alias	GLCATI, GlcAT-I
Gene Description	beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I)
Omim ID	<a href="#">606374</a>

## Gene Ontology

[Hyperlink](#)

## Gene Summary

The protein encoded by this gene is a member of the glucuronyltransferase gene family, enzymes that exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product catalyzes the formation of the glycosaminoglycan-protein linkage by way of a glucuronyl transfer reaction in the final step of the biosynthesis of the linkage region of proteoglycans. [provided by RefSeq]

## Other Designations

Sqv-8-like protein|beta-1,3-glucuronyltransferase 3|galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase|glucuronosyltransferase I

## Pathway

- [Chondroitin sulfate biosynthesis](#)
- [Heparan sulfate biosynthesis](#)
- [Metabolic pathways](#)