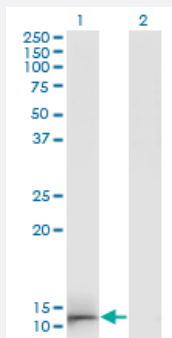


GAL monoclonal antibody (M01A), clone 3C1-G5

Catalog # H00051083-M01A

Size 200 uL

Applications

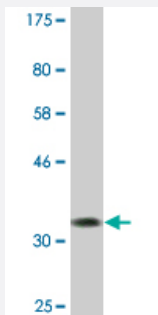


Western Blot (Transfected lysate)

Western Blot analysis of GAL expression in transfected 293T cell line by GAL monoclonal antibody (M01A), clone 3C1-G5.

Lane 1: GAL transfected lysate (Predicted MW: 13.3 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (39.27 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant GAL.
Immunogen	GAL (AAH30241, 1 a.a. ~ 123 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MARGSALLLASLLAAALSASAGLWSPAKEKRGWTLNSAGYLLGPHAVGNHRSFSDKNGLTSKR ELRPEDDMKPGSFDRSIPENNIMRTIIEFLSFLHLKEAGALDRLLDLPAASSIEDIERS
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (70); Rat (69)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (39.27 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 GAL expression in transfected 293T cell line by GAL monoclonal antibody (M01A), clone 3C1-G5.

Lane 1: GAL transfected lysate (Predicted MW: 13.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GAL

Entrez GeneID	51083
GeneBank Accession#	BC030241
Protein Accession#	AAH30241
Gene Name	GAL
Gene Alias	GALN, GLNN, GMAP, MGC40167
Gene Description	galanin prepropeptide
Omim ID	137035
Gene Ontology	Hyperlink

Gene Summary

Galanin is small neuropeptide that functions as a cellular messenger within the central and peripheral nervous systems, modulating diverse physiologic functions (Mechenthaler, 2008 [PubMed 18500643]).[supplied by OMIM]

Other Designations

galanin|galanin-message-associated peptide|galanin-related peptide

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Alzheimer Disease](#)
- [Anorexia Nervosa](#)
- [Asthma](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heroin Dependence](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Mental Disorders](#)
- [Obesity](#)
- [Panic Disorder](#)