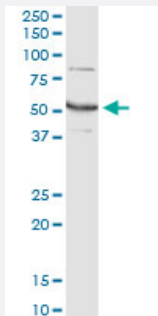


GLUD2 monoclonal antibody (M01A), clone 3C2

Catalog # H00002747-M01A

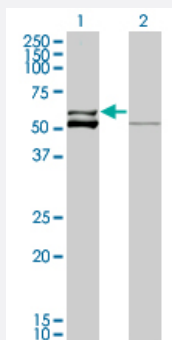
Size 200 uL

Applications



Western Blot (Tissue lysate)

GLUD2 monoclonal antibody (M01A), clone 3C2. Western Blot analysis of GLUD2 expression in human pancreas.

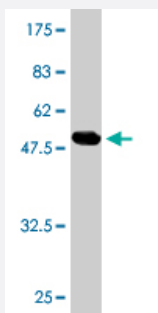


Western Blot (Transfected lysate)

Western Blot analysis of GLUD2 expression in transfected 293T cell line by GLUD2 monoclonal antibody (M01A), clone 3C2.

Lane 1: GLUD2 transfected lysate(61 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (54.78 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant GLUD2.

Immunogen	GLUD2 (AAH05111.1, 1 a.a. ~ 264 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTPGFRDKTFVVQGFGNVGLHSMRYLHRFGAKCIAVGESDGSWNPDGIDPKELEDFKLQHGSIL GFPKAKPYEGSILEVDCDILIPAATEKQLTKSNAPRVKAKIAEGANGPTTPEADKIFLERNILVIPDLY LNAGGVTVSYFEWLKNLNHVSYGRLTFKYERDSNYHLLLSVQESLERKFGKHGGTIPVPTAEFQD SISGASEKDIVHSALAYTMERSARQIMHTAMKYNLGLDLRTAAYVNAIEKVFKVYSEAGVTFT
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (54.78 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

GLUD2 monoclonal antibody (M01A), clone 3C2. Western Blot analysis of GLUD2 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GLUD2 expression in transfected 293T cell line by GLUD2 monoclonal antibody (M01A), clone 3C2.

Lane 1: GLUD2 transfected lysate(61 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GLUD2

Entrez GeneID

[2747](#)

GeneBank Accession#	BC005111.1
Protein Accession#	AAH05111.1
Gene Name	GLUD2
Gene Alias	GDH2, GLUDP1
Gene Description	glutamate dehydrogenase 2
Omim ID	300144
Gene Ontology	Hyperlink
Gene Summary	Glutamate dehydrogenase (EC 1.4.1.3) catalyzes the reversible oxidative deamination of glutamate to alpha-ketoglutarate using NAD and/or NADP as cofactors. See also GLUD1 (MIM 138130).[supplied by OMIM]
Other Designations	glutamate dehydrogenase pseudogene 1

Pathway

- [Alanine](#)
- [Arginine and proline metabolism](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [D-Glutamine and D-glutamate metabolism](#)
- [Metabolic pathways](#)
- [Nitrogen metabolism](#)

Disease

- [Cognition](#)
- [Parkinson Disease](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)