

Anti-human LGI-1 mouse monoclonal antibody

LGI-1: Leucine-rich glioma-inactivated protein 1

Code No	PP-Z0751-0C
Clone No.	Z0751
Lot.	B-1
Concentration	1mg/mL
Volume	100uL
Ig Class	G2a
Description	LGI-1 is the protein predominantly expressed and secreted in neural tissues, ligand for ADAM22 that positively regulates synaptic transmission mediated by AMPA-type glutamate receptors.
Genbank	AF055636
Origin	Produced in culture supernatant from hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human LGI-1 (193-233 aa).
Epitope	
Specificity	This antibody specifically recognizes human LGI-1 and cross reacts with mouse LGI-1. Not yet tested in other species.
Purification	Affinity chromatography
Formulation	Physiological saline with 0.1% NaN3

Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot	1ug/mL
Non reducing Western Blot	Not yet tested
ELISA	0.1ug/mL
Immunoprecipitation	Not yet tested
Supershift Assay	—
Chromatin immunoprecipitation	—
Immunohistochemistry	Not applicable

Storage Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.

Reference Yokoi N, *et al.* Nat Med. 2015; 21(1): 19-26.

Notes Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited.

MADE IN JAPAN

July 1, 2023