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## Certificate of Analysis

**PRODUCT: Anti human Leucine-rich glioma-inactivated protein 1 (LGI-1)  
mouse monoclonal antibody**

**CATALOG:** PP-Z0751-0C

**LOT #:** B-1

**Concentration:** 1 mg/ml

**Amount:** 100 micro gram

**Volume:** 100 micro L

**Buffer:** Physiological saline with 0.1% NaN<sub>3</sub> as a preservative

**Antigen:** human LGI-1 (193-233 a.a.) expressed on baculovirus

**Isotype:** Mouse G2a

**Purification Method:** Affinity chromatography with Protein A

**Tested Applications:** Western Blot

**Storage conditions:** Store at +4°C short term (1-4 weeks),  
at -20°C or less long term.

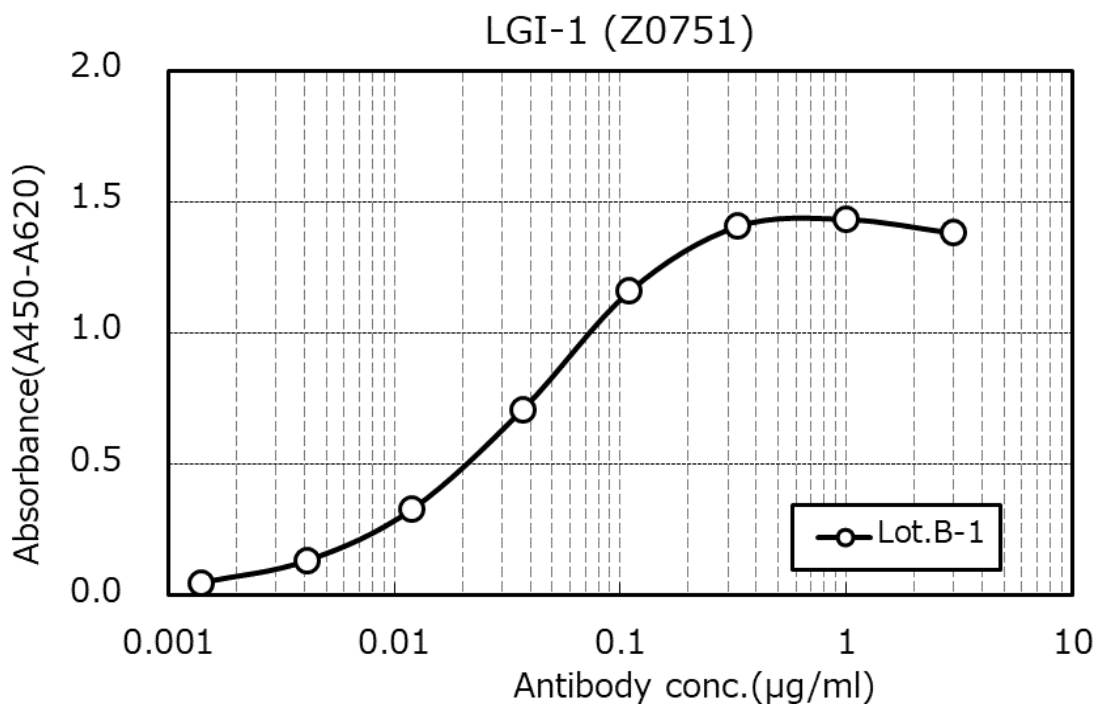
Stable for 12months at -20°C

Avoid freeze / thaw cycle.

*Optimal dilutions should be determined by each laboratory for each application.  
Intended for Research Use Only. Not for use in Diagnostic Procedures.*

**Validation Data**

Method: Each 1 micro gram per well of antigen was coated on an ELISA plate for overnight at 4°C. Blocking with non-fat dry milk incubated for one hour at room temperature. After washing plate, Serial diluted antibody solution was loaded on each well at room temperature. Washed Plate was incubated with HRP conjugated anti-mouse IgG (Amersham, 1:15,000), then washed and visualized with TMB reagent.



antibody	n = 2
conc. (ng/ml)	Lot No.
	B-1
1	0.047
4	0.131
12	0.329
37	0.709
111	1.161
333	1.407
1000	1.434
3000	1.381