

# Anti-Gyr A and B Antibodies

(Polyclonal, isolated from rabbit blood)



## Product Description (Product Numbers PA001, PA005 and PB001, PB005)

Gyr A and B antibodies are polyclonal, isolated from rabbit blood. The antibody is supplied at a concentration requiring ~1:1000 dilution for Western blotting.

**For *in vitro* laboratory research use only.**

### Storage Buffer

Phosphate Buffered Saline (PBS) pH 7.2  
Dilutions should be performed in PBS.  
Store at -20°C (stable for at least 12 months undiluted).

### Quality Control

The antibody is purified to > 95 % purity as judged by SDS-polyacrylamide gel electrophoresis.

Endonuclease assay: 0.5 µg supercoiled pBR322 incubated with the antibody at a concentration range of 0.01 µg/ml – 100 µg/ml for 1 hour at 37 °C in the presence of 1 mM ATP shows no detectable conversion of supercoiled DNA to either open circular or linear forms when assayed by agarose gel electrophoresis.

Exonuclease assay: 1 µg linear pBR322 was incubated with the antibody at a range of 0.01 µg/ml – 10 µg/ml for 30 minutes at 37 °C before being religated and transformed into competent JM109 cells. There was no detectable reduction in transformation efficiency.

### References

Ey, P.L., S.J., & Jenkin, C.R. (1978). Isolation of pure IgG<sub>1</sub>, IgG<sub>2a</sub>, and IgG<sub>2b</sub> immunoglobulins from mouse serum using Protein A sepharose. *Immunochemistry*. 15: 429-436

Harlow, E. & Lane, D. (1988). *Antibodies: a laboratory manual*. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, Plainview, NY.