



Perseus Proteomics Inc.  
4-7-6, Komaba, Meguro-ku, Tokyo 153-0041 Japan  
TEL: +81-3-5738-1705      FAX: +81-3-3481-5760  
<https://www.ppmx.com>      [info@ppmx.com](mailto:info@ppmx.com)

## Certificate of Analysis

**PRODUCT: Anti human Nuclear receptor subfamily 1 group D member 2  
(NR1D2, former name;Rev-erb-beta, REVERB )  
mouse monoclonal antibody**

**CATALOG:** PP-H2729-00

**LOT #:** A-2

**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 REVERB (4-101 a.a.) expressed on baculovirus

**Isotype:** Mouse G3

**Purification Method:** Ammonium sulfate fractionation

**Tested Applications:** Western Blot, Immunoprecipitation,  
Immunohistochemistry

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

Stable for 12months at -20°C

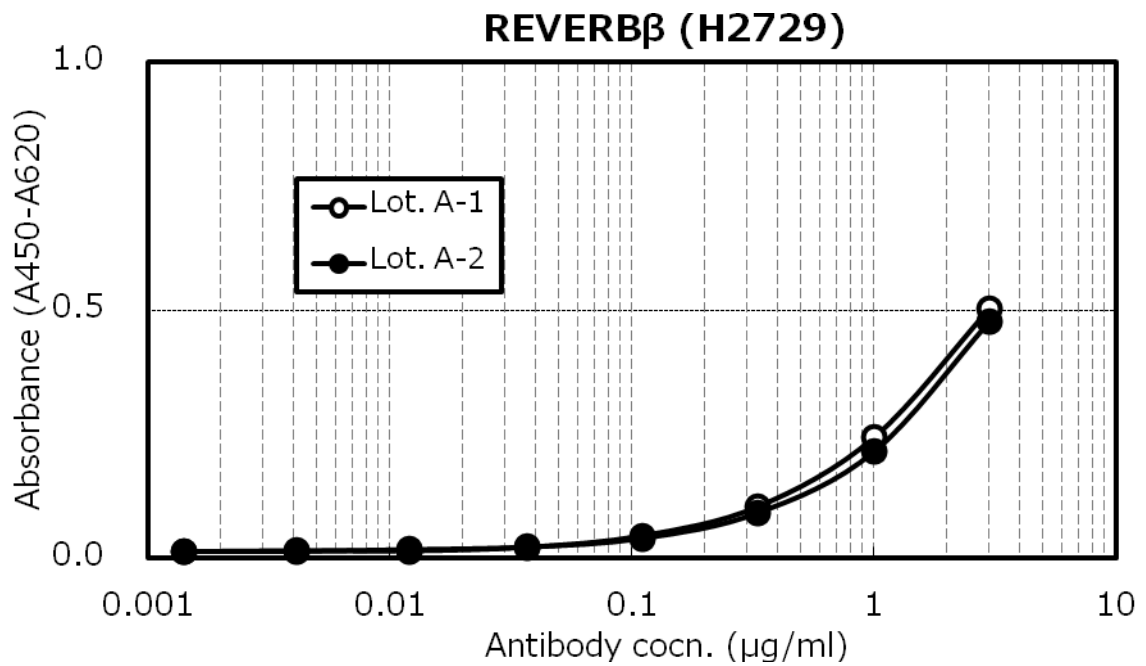
Avoid freeze / thaw cycle.

*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 5micro gram per well of antigen was coated on an ELISA plate for overnight at 4 . 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.

Result: Lot A-2 is evaluated as the same reactivity with old Lot A-1.



antibody concn. (ng/ml)	n = 2	
	Lot No.	
	A-1	A-2
1	0.014	0.015
4	0.016	0.015
12	0.015	0.019
37	0.023	0.024
111	0.046	0.041
333	0.104	0.092
1000	0.244	0.216
3000	0.503	0.477