



## ***Monoclonal Anti-human RXR $\beta$ /NR2B2 Antibody***

### **ORDERING INFORMATION**

**Catalog Number:** 2ZH7341H

**Clone:** H7341

**GenBank:** M84820

**Ig Class:** mouse IgG<sub>2A</sub>

**Volume:** 100  $\mu$ L

**Concentration:** 1 mg/mL

**Formulation:** A liquid formulation of  
physiologic saline (contains  
0.1% NaN<sub>3</sub>)

**Storage:**  $\leq -20^{\circ}$  C

**Specificity:** human RXR $\beta$

**Applications:** Western blot  
Direct ELISA

### ***Preparation***

Produced in BALB/c mouse ascites inoculated with a hybridoma of spleen cells of a BALB/c mouse immunized with recombinant human RXR $\beta$  (amino acids 9 - 187) and mouse myeloma cells (NS-1) (Nakamura, T. *et al.* (2004) Nat. Genet. **36**(5):528). The IgG fraction of ascites fluid was purified by ammonium sulfate fractionation.

### ***Formulation***

A liquid formulation of physiologic saline (contains 0.1% NaN<sub>3</sub>).

### ***Storage***

This antibody is stable for greater than six months when held at  $-20^{\circ}$  C to  $-70^{\circ}$  C **in a manual defrost freezer**. Upon thawing, the antibody can be stored at  $2^{\circ}$  -  $8^{\circ}$  C for at least 1 month without detectable loss of activity.

**Avoid repeated freeze-thaw cycles.**

### ***Specificity***

This antibody specifically reacts with human RXR $\beta$ .

### ***Applications***

**Western Blot** - This antibody can be used at 1  $\mu$ g/mL with the appropriate secondary reagents to detect human RXR $\beta$ .

**Direct ELISA** - This antibody can be used at 1  $\mu$ g/mL ( $A_{450} = 1.0$ ) with the appropriate secondary reagents to detect human RXR $\beta$ .

**Optimal dilutions should be determined by each laboratory for each application.**



### **Manufactured by:**

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

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

FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

**R&D Systems, Inc.  
1-800-343-7475**