

A25648

Leader in Biomolecular Solutions for Life Science



## RXRB Rabbit mAb

Catalog No.: A25648

Recombinant

### Basic Information

#### Observed MW

72kDa

#### Calculated MW

57kDa

#### Category

SMab Recombinant Monoclonal  
Antibody

#### Applications

WB, IP, ChIP, ELISA

#### Cross-Reactivity

Mouse

#### CloneNo number

ARC61272

### Background

This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the effects of retinoic acid (RA). The encoded protein forms homodimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. This gene lies within the major histocompatibility complex (MHC) class II region on chromosome 6. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

### Recommended Dilutions

**WB** 1:1000 - 1:2000

**IP** 0.5µg-4µg antibody for  
400µg-600µg extracts  
of whole cells

**ELISA** Recommended starting  
concentration is 1  
µg/mL. Please optimize  
the concentration  
based on your specific  
assay requirements.

**ChIP** 3µg antibody for  
10µg-15µg of  
Chromatin

### Immunogen Information

#### Gene ID

6257

#### Swiss Prot

P28702

#### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

#### Synonyms

NR2B2; DAUDI6; RCoR-1; RXRbeta; H-2RIIBP; RXR-beta

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

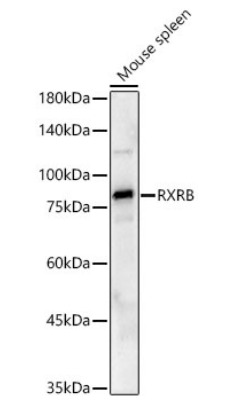
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

### Contact

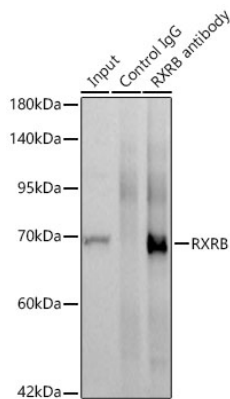


[www.abclonal.com](http://www.abclonal.com)

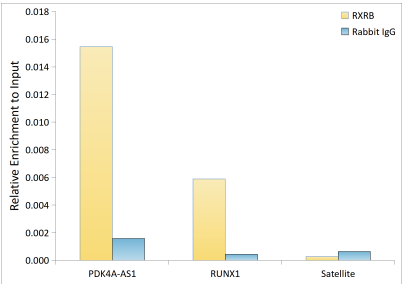
Validation Data



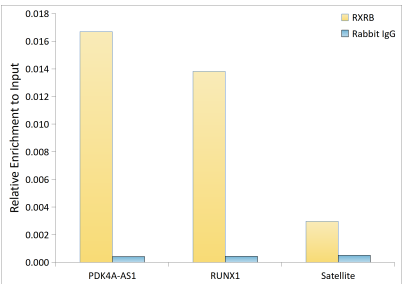
Western blot analysis of lysates from Mouse spleen using RXRB Rabbit mAb (A25648) at 1:1500 dilution.  
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time:45s.



Immunoprecipitation of RXRB from 600 µg extracts of Mouse thymus tissue was performed using 3 µg of RXRB Rabbit mAb (A25648). Rabbit IgG isotype control(AC042) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using RXRB Rabbit mAb (A25648) at a dilution of 1:1000.



Chromatin immunoprecipitation was performed with 15 µg of cross-linked chromatin from HeLa cells transfected with a RXRB expression vector containing a single N-terminal flag-Tag, using 3 µg of RXRB Rabbit mAb (A25648) and IgG (AC042). The enrichment of immunoprecipitated DNA at different genomic loci was examined by quantitative PCR. The histogram compares the ratio of the immunoprecipitated DNA to the input at given loci.



Chromatin immunoprecipitation was performed with 15 µg of cross-linked chromatin from HeLa cells transfected with a RXRB expression vector containing a single C-terminal flag-Tag, using 3 µg of RXRB Rabbit mAb (A25648) and IgG (AC042). The enrichment of immunoprecipitated DNA at different genomic loci was examined by quantitative PCR. The histogram compares the ratio of the immunoprecipitated DNA to the input at given loci.