

## **RXRG Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant RXRG.

Catalog # AT3749a

### **Specification**

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#### **RXRG Antibody (monoclonal) (M01) - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | WB, E                     |
| Primary Accession | <a href="#">P48443</a>    |
| Other Accession   | <a href="#">NM_006917</a> |
| Reactivity        | Human                     |
| Host              | mouse                     |
| Clonality         | Monoclonal                |
| Isotype           | IgG1 Kappa                |
| Calculated MW     | 50871                     |

#### **RXRG Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 6258

##### **Other Names**

Retinoic acid receptor RXR-gamma, Nuclear receptor subfamily 2 group B member 3, Retinoid X receptor gamma, RXRG, NR2B3

##### **Target/Specificity**

RXRG (NP\_008848, 1 a.a. ~ 75 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

##### **Dilution**

WB~~1:500~1000

E~~N/A

##### **Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

##### **Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

##### **Precautions**

RXRG Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

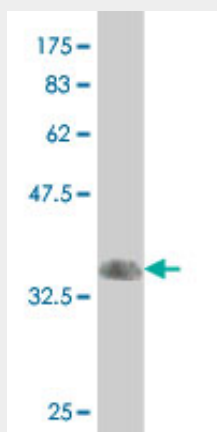
#### **RXRG Antibody (monoclonal) (M01) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

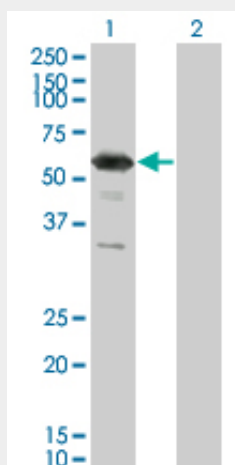
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### RXRG Antibody (monoclonal) (M01) - Images



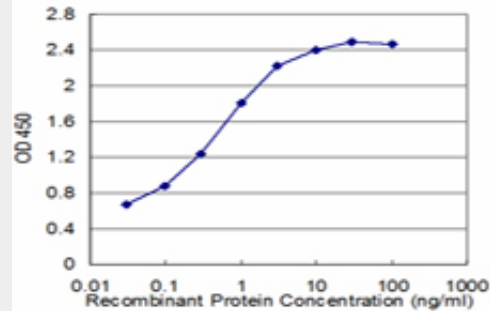
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.99 kDa) .



Western Blot analysis of RXRG expression in transfected 293T cell line by RXRG monoclonal antibody (M01), clone 6H1.

Lane 1: RXRG transfected lysate(50.871 kDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged RXRG is approximately 0.1ng/ml as a capture antibody.

### **RXRG Antibody (monoclonal) (M01) - Background**

This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the antiproliferative effects of retinoic acid (RA). This receptor forms dimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. This gene is expressed at significantly lower levels in non-small cell lung cancer cells. Alternatively spliced transcript variants have been described.

### **RXRG Antibody (monoclonal) (M01) - References**

Maternal genes and facial clefts in offspring: a comprehensive search for genetic associations in two population-based cleft studies from Scandinavia. Jugessur A, et al. PLoS One, 2010 Jul 9. PMID 20634891. Physiogenomic analysis of statin-treated patients: domain-specific counter effects within the ACACB gene on low-density lipoprotein cholesterol? Ruafo G, et al. Pharmacogenomics, 2010 Jul. PMID 20602615. Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. LIM protein Ajuba functions as a nuclear receptor corepressor and negatively regulates retinoic acid signaling. Hou Z, et al. Proc Natl Acad Sci U S A, 2010 Feb 16. PMID 20133701. Epigenetic inactivation of retinoid X receptor genes in non-small cell lung cancer and the relationship with clinicopathologic features. Lee SM, et al. Cancer Genet Cytogenet, 2010 Feb. PMID 20113835.

### **RXRG Antibody (monoclonal) (M01) - Citations**

- [Pias3-dependent SUMOylation controls mammalian cone photoreceptor differentiation.](#)