10320 Camino Santa Fe, Suite G
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RXRB Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RXRB.
Catalog # AT3748a

Specification

RXRB Antibody (monoclonal) (M01) - Product Information

Application	**WB**
Primary Accession	P28702
Other Accession	BC001167
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**56922**

RXRB Antibody (monoclonal) (M01) - Additional Information

Gene ID 6257

Other Names
Retinoic acid receptor RXR-beta, Nuclear receptor subfamily 2 group B member 2, Retinoid X receptor beta, RXRB, NR2B2

Target/Specificity
RXRB (AAH01167.1, 161 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

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

RXRB Antibody (monoclonal) (M01) - Protocols

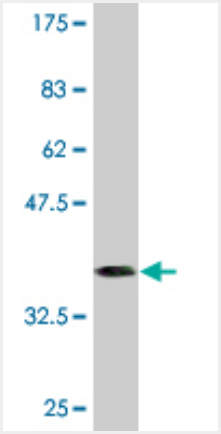
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

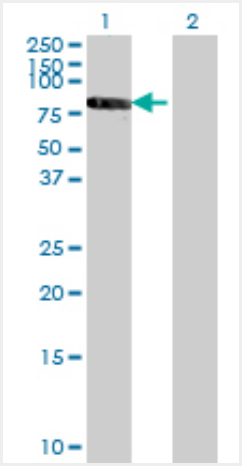
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RXRB Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



Western Blot analysis of RXRB expression in transfected 293T cell line by RXRB monoclonal antibody (M01), clone 3C8.

Lane 1: RXRB transfected lysate(56.9 KDa).
Lane 2: Non-transfected lysate.

RXRB 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 effects of retinoic acid (RA). This receptor forms homodimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. The gene lies within the major histocompatibility complex (MHC) class II region on chromosome 6. An alternatively spliced transcript variant has been described, but its full length sequence has not been determined.

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RXRB Antibody (monoclonal) (M01) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Examination of genetic polymorphisms in newborns for signatures of sex-specific prenatal selection. Ucisik-Akkaya E, et al. Mol Hum Reprod, 2010 Oct. PMID 20587610.Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.Genetic determinants of serum lipid levels in Chinese subjects: a population-based study in Shanghai, China. Andreotti G, et al. Eur J Epidemiol, 2009. PMID 19888660.High-density SNP screening of the major histocompatibility complex in systemic lupus erythematosus demonstrates strong evidence for independent susceptibility regions. Barcellos LF, et al. PLoS Genet, 2009 Oct. PMID 19851445.