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Datasheet for ABIN562677

## anti-RORB antibody (AA 136-224)

### 3 Images

#### Overview

Quantity:	100 µg
Target:	RORB
Binding Specificity:	AA 136-224
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RORB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant RORB.
Immunogen:	RORB (NP_008845, 136 a.a. ~ 224 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	ETSGTYANGH VIDLPKSEGY YNVDSGQPSP DQSGLDMTGI KQIKQEPIYD LTSVPNLFTY SSFNNGQLAP GITMTEIDRI AQNIKSHL
Clone:	4B4
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	RORB
Alternative Name:	RORB ( <a href="#">RORB Products</a> )
Background:	Full Gene Name: RAR-related orphan receptor B Synonyms: NR1F2,ROR-BETA,RZR-BETA,RZRB,bA133M9.1
Gene ID:	6096
NCBI Accession:	<a href="#">NM_006914</a>
Pathways:	<a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a>

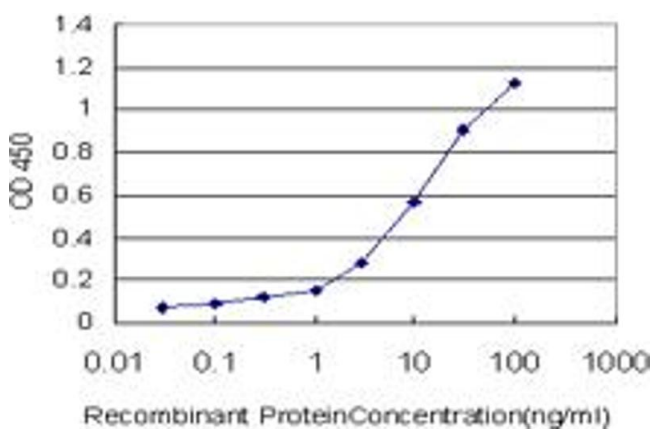
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

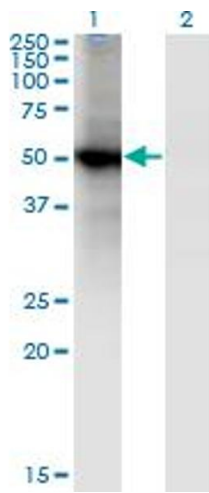
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



### ELISA

**Image 1.** Detection limit for recombinant GST tagged RORB is approximately 0.3ng/ml as a capture antibody.

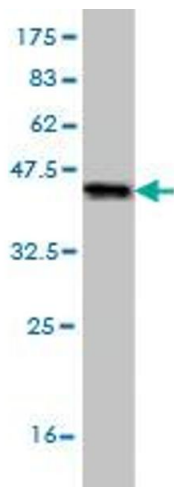


### Western Blotting

**Image 2.** Western Blot analysis of RORB expression in transfected 293T cell line by RORB monoclonal antibody (M01), clone 4B4.

Lane 1: RORB transfected lysate (Predicted MW: 52.1 KDa).

Lane 2: Non-transfected lysate.



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (35.53 KDa).