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Datasheet for ABIN519829  
**anti-ROBO1 antibody (AA 491-589)**

2 Images

Overview

Quantity:	100 µg
Target:	ROBO1
Binding Specificity:	AA 491-589
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ROBO1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ROBO1.
Immunogen:	ROBO1 (NP_002932, 491 a.a. ~ 589 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	DGVLVSTQDS RIKQLENGVL QIRYAKLGDT GRYTCLASTP SGEATWSAYI EVQEFQVPVQ PPRPTDPNLI PSAPSKPEVT DVSRNTVTLS WQPNLNSGA
Clone:	1F8
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	ROB01
Alternative Name:	ROB01 ( <a href="#">ROB01 Products</a> )
Background:	Full Gene Name: roundabout, axon guidance receptor, homolog 1 (Drosophila) Synonyms: DUTT1,FLJ21882,MGC131599,MGC133277,SAX3
Gene ID:	6091
NCBI Accession:	<a href="#">NM_002941</a>
Pathways:	<a href="#">Positive Regulation of Endopeptidase Activity</a>

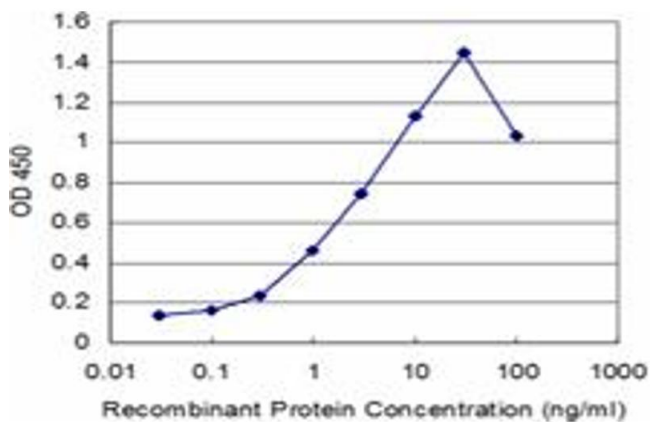
## Application Details

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

## Handling

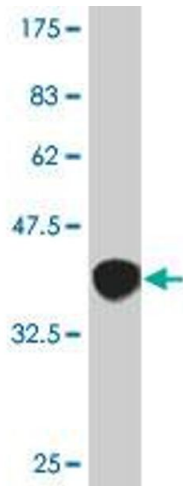
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



### ELISA

**Image 1.** Detection limit for recombinant GST tagged ROB01 is approximately 0.1ng/ml as a capture antibody.



### Western Blotting

**Image 2.** Western Blot detection against Immunogen (36.63 kDa).