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Datasheet for ABIN518521

## anti-OMG antibody (AA 26-134)

1 Image

1 Publication

### Overview

Quantity:	100 µg
Target:	OMG
Binding Specificity:	AA 26-134
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This OMG antibody is un-conjugated
Application:	ELISA

### Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant OMG.
Immunogen:	OMG (NP_002535, 26 a.a. ~ 134 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	CPLQCICTER HRHVDCSGRN LSTLPSGLQE NIIHLNLSYN HFTDLHNQLT QYTNLRTLDI SNNRLESLPA HLPRLWNMS AANNNIKLLD KSDTAYQWNL KYLDVSKNM
Clone:	1A8
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	OMG
Alternative Name:	OMG ( <a href="#">OMG Products</a> )
Background:	Full Gene Name: oligodendrocyte myelin glycoprotein Synonyms: OMGP
Gene ID:	4974
NCBI Accession:	<a href="#">NM_002544</a>
Pathways:	<a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Regulation of Cell Size</a>

## Application Details

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

## Handling

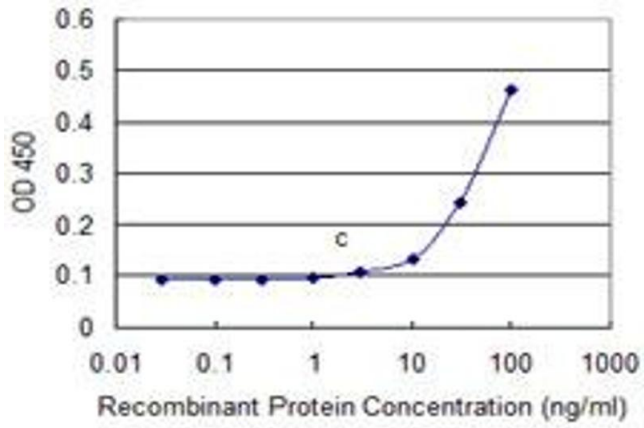
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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

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Product cited in:	Chang, Susuki, Dours-Zimmermann, Zimmermann, Rasband: "Oligodendrocyte myelin glycoprotein does not influence node of ranvier structure or assembly." in: <b>The Journal of neuroscience : the official journal of the Society for Neuroscience</b> , Vol. 30, Issue 43, pp. 14476-81, (2010) ( <a href="#">PubMed</a> ).
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### ELISA

**Image 1.** Detection limit for recombinant GST tagged OMG is approximately 10ng/ml as a capture antibody.