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Datasheet for ABIN518996  
**anti-PMS2 antibody (AA 763-862)**

1 Image

Overview

Quantity:	100 µg
Target:	PMS2
Binding Specificity:	AA 763-862
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PMS2 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PMS2.
Immunogen:	PMS2 (NP_000526, 763 a.a. ~ 862 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	ERAKLISLPT SKNWTFGPQD VDELIFMLSD SPGVMCRPSR VKQMFASRAC RKSVMIGTAL NTSEMKKLIT HMGEMDHPWN CPHGRPTMRH IANLGVISQN
Clone:	4G4
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	PMS2
Alternative Name:	PMS2 ( <a href="#">PMS2 Products</a> )
Background:	Full Gene Name: PMS2 postmeiotic segregation increased 2 ( <i>S. cerevisiae</i> ) Synonyms: HNPCC4,PMS2CL,PMSL2
Gene ID:	5395
NCBI Accession:	<a href="#">NM_000535</a>
Pathways:	<a href="#">DNA Damage Repair</a> , <a href="#">Production of Molecular Mediator of Immune Response</a>

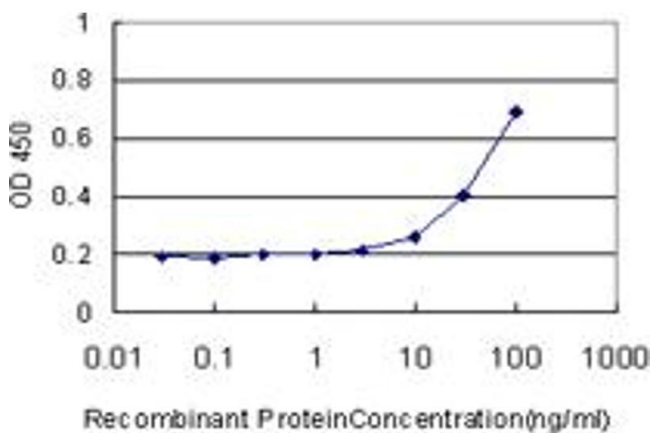
## Application Details

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 PMS2 is approximately 3ng/ml as a capture antibody.