



Datasheet for ABIN518999
anti-PMS2 antibody (AA 763-862)



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3 Images

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, Immunofluorescence (IF)

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 SPGVMCRRPSR VKQMFASRAC RKSVMIGTAL NTSEMKKLIT HMGEMDHPWN CPHGRPTMRH IANLGVISQN
Clone:	4D11
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

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

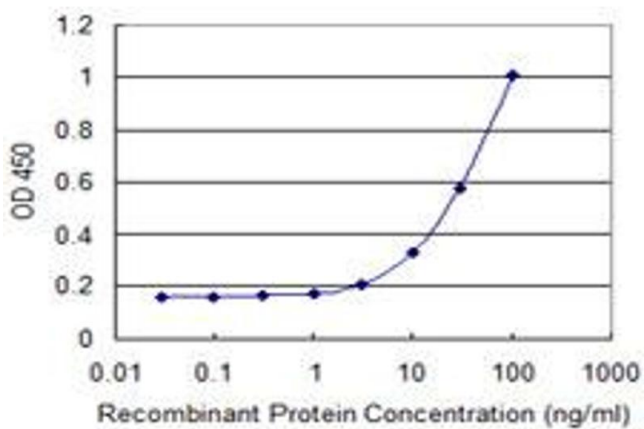
Application Details

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

Handling

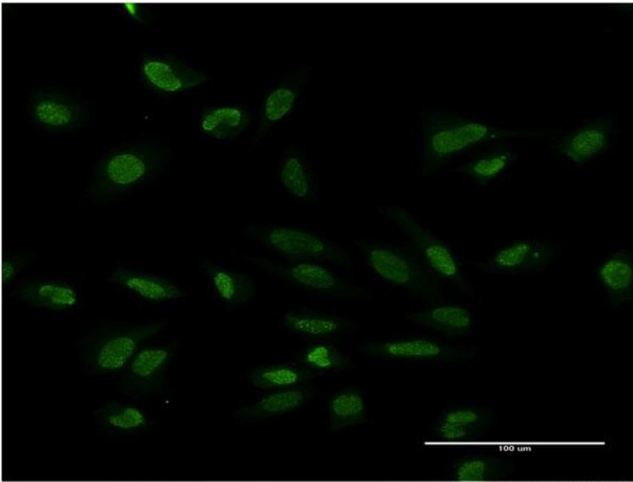
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



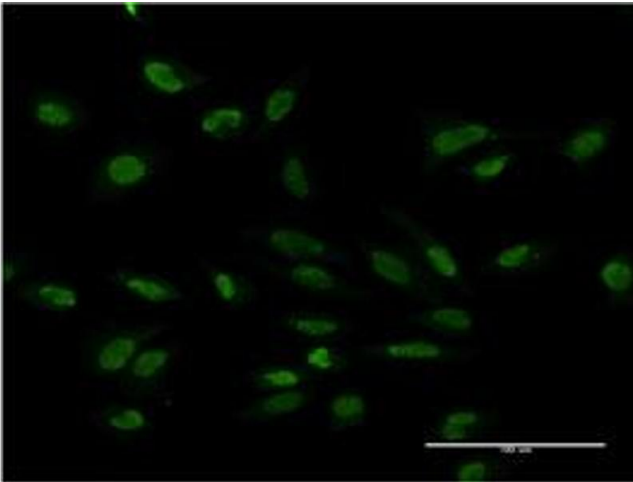
ELISA

Image 1. Detection limit for recombinant GST tagged PMS2 is 1 ng/ml as a capture antibody.



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to PMS2 on HeLa cell. [antibody concentration 10 μ g/ml]



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to PMS2 on HeLa cell. (antibody concentration 10 μ g/mL)