



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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<b>Product Number</b>	ARP56117_P050-FITC
<b>Product Page</b>	<a href="http://www.avivasysbio.com/pms2-antibody-middle-region-fitc-arp56117-p050-fitc.html">www.avivasysbio.com/pms2-antibody-middle-region-fitc-arp56117-p050-fitc.html</a>
<b>Name</b>	PMS2 Antibody - middle region : FITC (ARP56117_P050-FITC)
<b>Protein Size (# AA)</b>	862 amino acids
<b>Molecular Weight</b>	96kDa
<b>Conjugation</b>	FITC: Fluorescein Isothiocyanate
<b>NCBI Gene Id</b>	5395
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	PMS2 postmeiotic segregation increased 2 ( <i>S. cerevisiae</i> )
<b>Alias Symbols</b>	MLH4, PMSL2, HNPCC4, MMRC5, PMS2CL
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">INKKVYPLDFSMSSLAKRIQLHHEAQQSEGEQNYRKFRKICPGENQAA</a>
<b>Product Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer.
<b>Reference</b>	Jackson,C.C., (2008) <i>Pediatr Blood Cancer</i> 50 (6), 1268-1270
<b>Description of Target</b>	PMS2 is involved in DNA mismatch repair. It forms a heterodimer with MLH1 and this complex interacts with other complexes bound to mismatched bases. Mutations in this gene are associated with hereditary nonpolyposis colorectal cancer, Turcot syndrome, and are a cause of supratentorial primitive neuroectodermal tumors. This gene is one of the PMS2 gene family members found in clusters on chromosome 7. The product of this gene is involved in DNA mismatch repair. It forms a heterodimer with MLH1 and this complex interacts with other complexes bound to mismatched bases. Mutations in this gene are associated with hereditary nonpolyposis colorectal cancer, Turcot syndrome, and are a cause of supratentorial primitive neuroectodermal tumors. Alternatively spliced transcript variants have been observed for this gene.
<b>Protein Interactions</b>	UBC; MLH1; PCNA; PMS2P1; NSF; MSH2; LMNA; MSH6; SPRTN; BRIP1; FAN1; CLSPN; TOPBP1; PSD2; MMS19; ATAD3A; NSUN2; UBR5; COPG2; PSD3; COPG1; RUVBL2; EXO1; AIFM1; RUVBL1; XPO1; SMARCA4; RFC2; PSMD5; PSMC6; PSMC3; PSMC2; PSMC1; PRKDC; PPP2CA; PIK3C2A; MSH3; MCM
<b>Reconstitution and Storage</b>	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-PMS2 (ARP56117_P050-FITC) antibody</a>
<b>Blocking Peptide</b>	For anti-PMS2 (ARP56117_P050-FITC) antibody is <a href="#">Catalog# AAP56117</a> (Previous Catalog# AAPP37738)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the middle region of human PMS2
<b>Uniprot ID</b>	<a href="#">P54278</a>
<b>Protein Name</b>	Mismatch repair endonuclease PMS2
<b>Sample Type Confirmation</b>	PMS2 is supported by BioGPS gene expression data to be expressed in HepG2
<b>Protein Accession #</b>	<a href="#">NP_000526</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_000535</a>
<b>Gene Symbol</b>	<a href="#">PMS2</a>

<b>Predicted Species Reactivity</b>	Human, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 85%; Dog: 92%; Guinea Pig: 100%; Horse: 92%; Human: 100%; Rabbit: 92%; Rat: 92%; Yeast: 91%
<b>Image 1</b>	

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Optimal conditions of its use should be determined by end users.

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