



[Go to Product page](#)

Datasheet for ABIN5542596  
**anti-PMS2 antibody (AA 748-851)**

6 Images

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 0.1 mg   |
| Target:              | PMS2   |
| Binding Specificity: | AA 748-851   |
| Reactivity:          | Human  |
| Host:                | Mouse  |
| Clonality:           | Monoclonal   |
| Conjugate:           | This PMS2 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS) |

### Product Details

|               |   |
|---------------|---|
| Immunogen:    | Purified recombinant fragment of human PMS2 (AA: 748-851) expressed in E. coli. |
| Clone:        | 1E9D11  |
| Isotype:      | IgG1  |
| Purification: | purified  |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | PMS2   |
| Alternative Name: | PMS2 ( <a href="#">PMS2 Products</a> )   |
| Background:       | Description: This gene is one of the PMS2 gene family members found in clusters on |

## Target Details

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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.,

Aliases: PMSL2, HNPCC4, PMS2CL

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Molecular Weight: 95.8 kDa

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Gene ID: 5395

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HGNC: 5395

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Pathways: [DNA Damage Repair](#), [Production of Molecular Mediator of Immune Response](#)

## Application Details

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Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Purified antibody in PBS with 0.05 % sodium azide

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Preservative: Sodium azide

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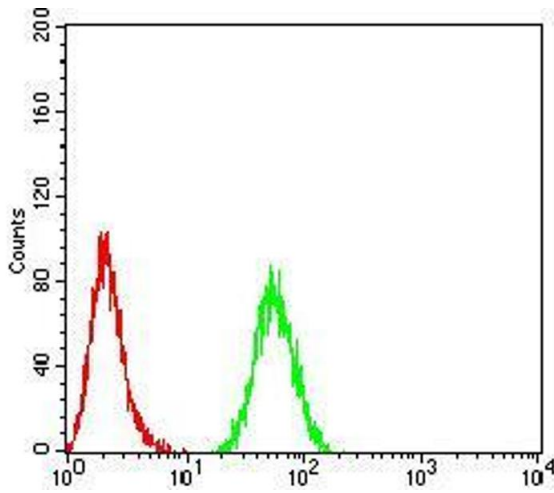
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C/-20 °C

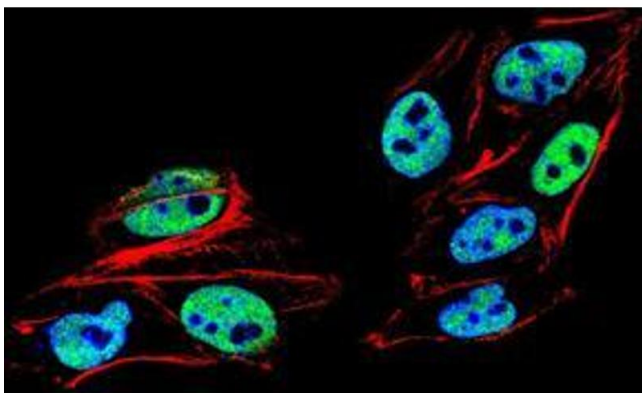
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Storage Comment: 4°C, -20°C for long term storage



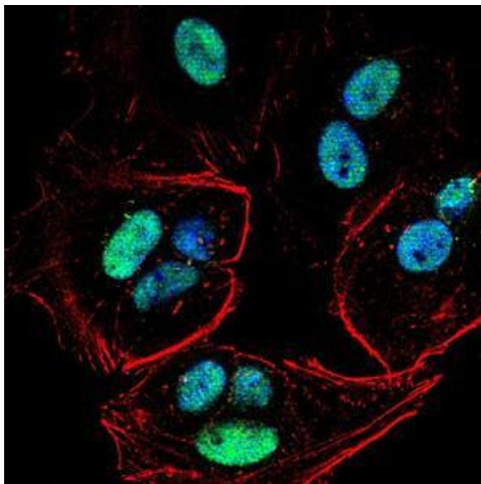
### Flow Cytometry

**Image 1.** Flow cytometric analysis of HeLa cells using PMS2 mouse mAb (green) and negative control (red).



### Immunofluorescence

**Image 2.** Immunofluorescence analysis of HeLa cells using PMS2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



### Immunofluorescence

**Image 3.** Immunofluorescence analysis of MCF-7 cells using PMS2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5542596.