

## Rabbit anti-Human, Mouse DMC1 Polyclonal Antibody | anti-DMC1 antibody

DMC1 Polyclonal Antibody

|                               |                       |                                   |                                                    |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA175285</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|

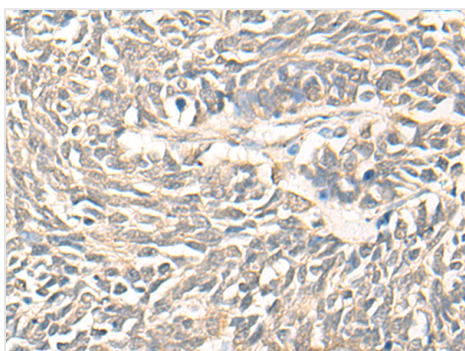
### PRODUCT SYNONYMS

DMC1; Polyclonal Antibody; DMC1 Polyclonal Antibody; Disrupted meiotic cDNA 1 homolog; Disrupted meiotic cDNA 1; yeast; homolog of; DJ199H16.1; DMC 1; DMC1 dosage suppressor of mck1 homolog; DMC1 dosage suppressor of mck1 homolog meiosis specific homologous recombination (yeast); DMC1 homologue; DMC1H; DNA meiotic recombinase 1; HsLim15; LIM15; Meiotic recombination protein DMC1/LIM15 homolog; MGC150472; MGC150473; anti-DMC1 antibody

### PRODUCT SPECIFICATIONS

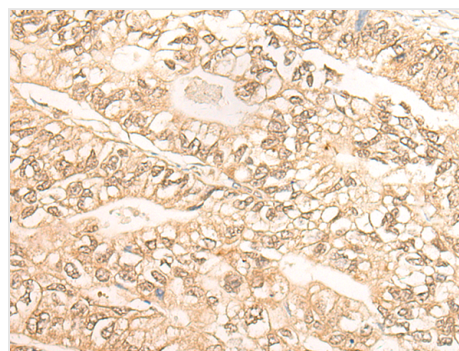
|                                                |                                                         |
|------------------------------------------------|---------------------------------------------------------|
| Host                                           | Rabbit                                                  |
| Reactivity                                     | Human, Mouse                                            |
| Clonality                                      | Polyclonal                                              |
| Isotype                                        | IgG                                                     |
| Purity/Purification                            | Antigen Affinity Purification                           |
| Form/Format                                    | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                  | 0.78mg/mL (varies by lot)                               |
| Sequence Length                                | 340                                                     |
| Applicable Applications for anti-DMC1 antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                      | Full length fusion protein                              |
| Conjugation                                    | Unconjugated                                            |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using DMC1 Polyclonal Antibody at dilution of 1:30(×200)



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using DMC1 Polyclonal Antibody at dilution of 1:30(×200)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DMC1 antibody | This gene encodes a member of the superfamily of recombinases (also called DNA strand-exchange proteins). Recombinases are important for repairing double-strand DNA breaks during mitosis and meiosis. This protein, which is evolutionarily conserved, is reported to be essential for meiotic homologous recombination and may thus play an important role in generating diversity of genetic information. Alternative splicing results in multiple transcript variants. |
| Product Categories/Family for anti-DMC1 antibody   | Cancer; Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 23238219                                                   |
| NCBI GeneID                      | 11144                                                      |
| NCBI Accession #                 | NP_008999.2; BC035658                                      |
| NCBI GenBank Nucleotide #        | NP_008999.2                                                |
| UniProt Accession #              | Q14565                                                     |
| NCBI Official Full Name          | meiotic recombination protein DMC1/LIM15 homolog isoform 1 |
| NCBI Official Synonym Full Names | DNA meiotic recombinase 1                                  |
| NCBI Official Symbol             | DMC1                                                       |
| NCBI Official Synonym Symbols    | DMC1H; LIM15; dJ199H16.1                                   |
| NCBI Protein Information         | meiotic recombination protein DMC1/LIM15 homolog           |
| UniProt Protein Name             | Meiotic recombination protein DMC1/LIM15 homolog           |
| UniProt Gene Name                | DMC1                                                       |
| UniProt Synonym Gene Names       | DMC1H; LIM15                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dmc1-antibody-immunohistochemistry-elisa/175285>