

订购热线: 4008-898-798

# Anti-DMC1 antibody

**Cat. No.** ml224646

Package 25  $\mu$ l/100  $\mu$ l/200  $\mu$ l

**Storage** -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

**Product overview** 

**Description** Anti-DMC1 rabbit polyclonal antibody

Applications ELISA, IHC

**Immunogen** Full length fusion protein

ReactivityHuman, MouseContent0.78 mg/mlHost speciesRabbit

Ig classImmunogen-specific rabbit IgGPurificationAntigen affinity purification

**Target information** 

Symbol DMC1

Full name DNA meiotic recombinase 1
Synonyms DMC1H; LIM15; dJ199H16.1

Swissprot Q14565

## **Target Background**

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.



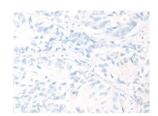
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## **Applications**

#### **Immunohistochemistry**

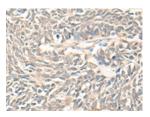
Predicted cell location: Nucleus Positive control: Human gastric cancer Recommended dilution: 30-150

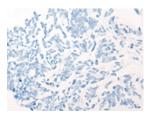




The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml224646(DMC1 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Nucleus Positive control: Human lung cancer Recommended dilution: 30-150





The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml224646(DMC1 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)

#### **ELISA**

Recommended dilution: 5000-10000

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