
Product Name: DMC1 Rabbit Monoclonal Antibody**Catalog #: AMRe87359**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.15mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:500-1:2000,IP 1:20-1:50
Molecular Weight	Calculated MW:38 kDa; Observed MW:38 kDa

Antigen Information

Gene Name	DMC1
Alternative Names	sgdp; Dmc1h; Lim15; Mei11
Gene ID	13404
SwissProt ID	Q61880
Immunogen	Recombinant protein of mouse DMC1

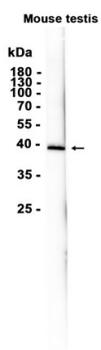
Background

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. In mouse, deficiency of this gene causes infertility. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]

Research Area

Image Data



Western blot analysis of extracts from Mouse testis tissue using DMC1 Rabbit Monoclonal Antibody at 1:500.