

For Research Use Only

# DMC1 Polyclonal antibody

Catalog Number: 13714-1-AP **11 Publications**



## Basic Information

**Catalog Number:**

13714-1-AP

**Size:**

400 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG4653

**GenBank Accession Number:**

BC035658

**GeneID (NCBI):**

11144

**UNIPROT ID:**

Q14565

**Full Name:**

DMC1 dosage suppressor of mck1 homolog, meiosis-specific homologous recombination (yeast)

**Calculated MW:**

165 aa, 18 kDa, 38 kDa

**Observed MW:**

37 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:6000

IHC 1:2000-1:8000

IF 1:20-1:200

## Applications

**Tested Applications:**

IF/ICC, IHC, WB, ELISA

**Cited Applications:**

IF, IHC, WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** mouse testis tissue, HeLa cells, human testis tissue, rat testis tissue

**IHC:** mouse testis tissue,

**IF:** HeLa cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Jennifer Gantchev	31214493	Front Oncol	IHC
Yongliang Shang	32463460	Nucleic Acids Res	IF
Yongliang Shang	35593531	FASEB J	IF

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

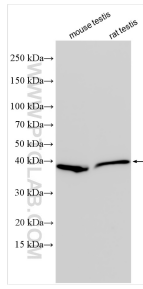
T: 4006900926

E: Proteintech-CN@ptglab.com

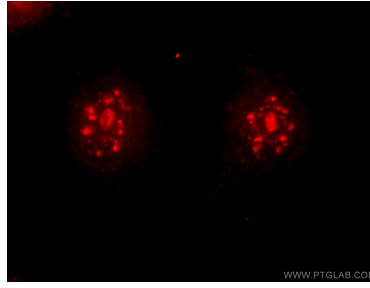
W: ptgcn.com

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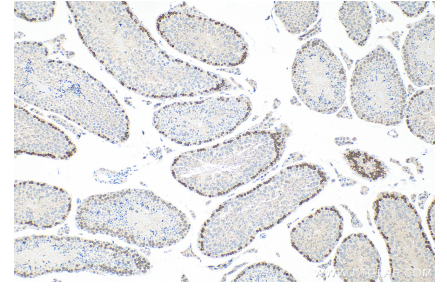
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13714-1-AP (DMC1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 13714-1-AP (DMC1 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 13714-1-AP (DMC1 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).