

For Research Use Only

DMC1 Polyclonal antibody

Catalog Number: 13714-1-AP **13 Publications**



Basic Information

Catalog Number:

13714-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 227 ug/ml by Bradford method using BSA as the standard;

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

IF-P 1:600-1:2400

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, IF-P, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

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

IF-P: mouse testis tissue,

IF/ICC: HeLa cells,

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

*** 20ul sizes contain 0.1% BSA

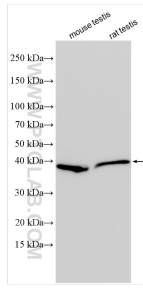
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

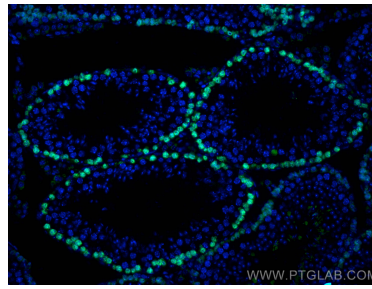
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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 (4% PFA) fixed paraffin-embedded mouse testis tissue using DMC1 antibody (13714-1-AP) at dilution of 1:1200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using DMC1 antibody (13714-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).