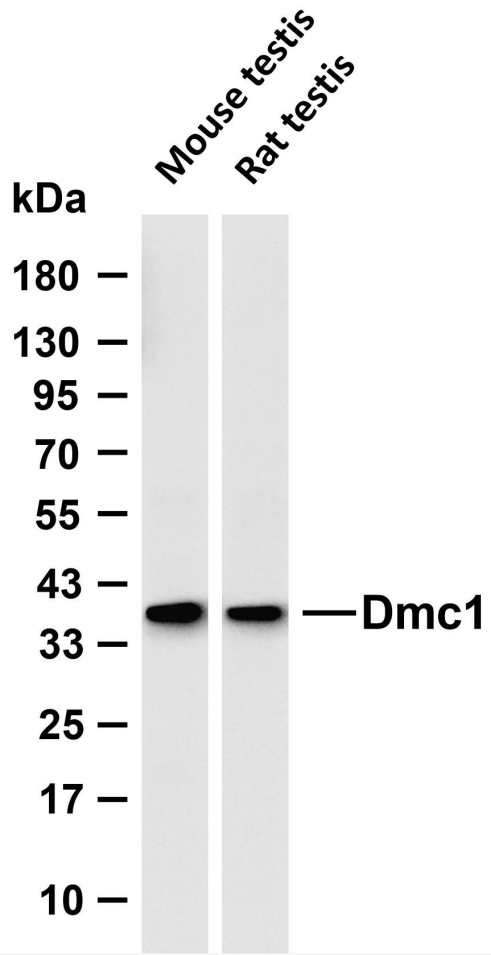
Dmc1 (PT2195R) Rabbit mAb

Catalog No	YP-rAb-18561
Isotype	IgG
Reactivity	Mouse,Rat
Applications	WB、IHC、IF、IP、ELISA
Gene Name	DMC1
Immunogen	The specific immunogen used to produce this antibody is proprietary information.
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Purification	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200 Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0 (Cat#YS0004)
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	DMC1;Meiotic recombination protein DMC1/LIM15 homolog;DMC1 ; DMC1H ; LIM15 ; Meiotic recombination protein DMC1/LIM15 homolog
Observed Band	38kD
Calculated Molecular Weight	38kD
Cell Pathway	Nucleus . Chromosome .
Tissue Specificity	Ovary ,Testis ,Thymus ,
Function	Function:May participate in meiotic recombination , specifically in homologous strand assimilation , which is required for the resolution of meiotic double-strand breaks. ,similarity:Belongs to the recA family. DMC1 subfamily. ,similarity:Contains 1 HhH domain. ,subunit:Interacts with the MND1-PSMC3IP heterodimer (By similarity) . Double stacked ring-shaped homooctamer. ,
Background	DNA meiotic recombinase 1 (DMC1) Homo sapiens 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. [provided by RefSeq , May 2013] ,

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Dmc1 (PT2195R) antibody.

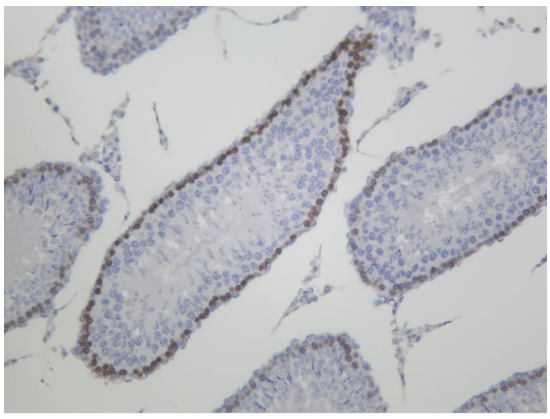
The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: Mouse testis

Lane 2: Rat testis

Predicted band size: 38kDa

Observed band size: 38kDa



Human kidney was stained with anti-Dmc1 (PT2195R) Rabbit antibody