

Anti-DMC1 antibody (1-260) (STJ23393)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

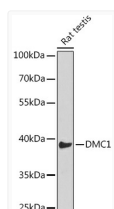
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 38kDa Observed Mw: 38kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

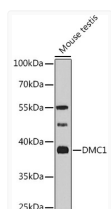
Gene ID	11144
Gene Symbol	DMC1
UniProt ID	DMC1_HUMAN
Immunogen Region	1-260
Immunogen Sequence	MKEDQVVAEPPGFQDEEESL FQDIDLLQKHGINVADIKKL KSVGICTIKGIQMTTTRALC NVKGLSEAKVDKIKEAANKL IEPGFLTAFEYSEKRKMVFH ITTGSQEFDKLLGGGIESMA ITEAFGEFRTGKTQLSHTLC VTAQLPGAGGYPGGKIIFID TENTFRPDLRLDIADRFNVD HDAVLNDNLYARAYTSEHQM ELLDYVAAKFHEEAGIFKLL IIDSIMALFRVDFSGRGEL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human DMC1 (NP_008999.2).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of extracts of Rat testis, using DMC1 antibody (STJ23393) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of extracts of various cell lines, using DMC1 antibody (STJ23393) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.