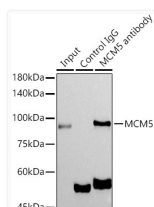
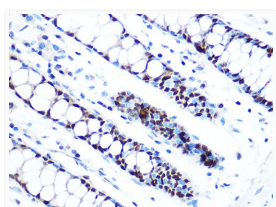


Anti-MCM5 antibody (635-734) [S0MR] (STJ11102220)

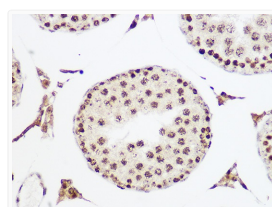
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 82kDa Observed Mw: 82kDa
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	4174
Gene Symbol	MCM5
UniProt ID	MCM5_HUMAN
Immunogen Region	635-734
Immunogen Sequence	ADVVEALRLFQVSTLDAALS GTLSGVEGFTSQEDQEMLSR IEKQLKRRFAIGSQVSEHSI IKDFTKQKYPEHAHKVLQL MLRRGEIQHRMQRKVLYRLK
Specificity	A synthetic peptide corresponding to a sequence within amino acids 635-734 of human MCM5 (P33992).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



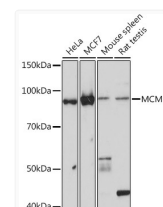
Immunoprecipitation analysis of 300 Mu g extracts of MCF7 cells using 3 Mu g MCM5 antibody (STJ11102220). Western blot was performed from the immunoprecipitate using MCM5 antibody (STJ11102220) at a dilution of 1:1000.



Immunohistochemistry analysis of MCM5 in paraffin-embedded human colon using MCM5 Rabbit monoclonal antibody (STJ11102220) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of MCM5 in paraffin-embedded rat testis using MCM5 Rabbit monoclonal antibody (STJ11102220) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using MCM5 Rabbit monoclonal antibody (STJ11102220) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.