

Anti-PMS2 antibody (390-670) (STJ115635)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

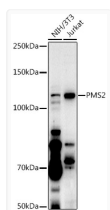
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 96kDa Observed Mw: 110kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

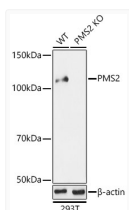
Gene ID	5395
Gene Symbol	PMS2
UniProt ID	PMS2_HUMAN
Immunogen Region	390-670
Immunogen Sequence	ADLEKPMVEKQDQPSLRITG EEKDVVISRLREAFSLRHT TENKPHSPKTPEPRRSPLGQ KRGMLSSSTSGAISKGVLR PQKEAVSSSHGSPDPTDRAE VEKDSGHGSTSVDSEGFSP DTGSHCSSEYAASSPGDRGS QEHVDSQEKAPKTDDSFSDV DCHSNQEDTGCKFRVLPQPT NLATPNTKRFKKEILSSSD ICQKLVNTQDMSAQVDVAV KINKKVPLDFSMSSSLAKR
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 390-670 of human PMS2 (NP_000526.2).

ADDITIONAL INFORMATION

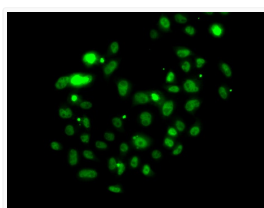
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



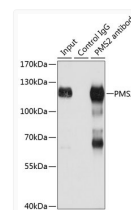
Western blot analysis of extracts of various cell lines, using PMS2 antibody (STJ115635) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.



Western blot analysis of extracts from wild type (WT) and PMS2 knockout (KO) HeLa (KO) cells, using PMS2 antibody (STJ115635) 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% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using PMS2 antibody (STJ115635).



Immunoprecipitation analysis of 150 Mu g extracts of Jurkat cells using 3 Mu g PMS2 antibody (STJ115635). Western blot was performed from the immunoprecipitate using PMS2 antibody (STJ115635) at a dilution of 1:500.