

Anti-PER2 antibody (1-100) [S5MR] (STJ11102255)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

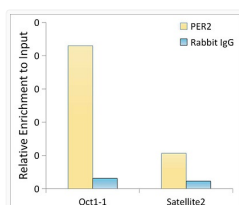
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. ChIP:5 Mu g antibody for 10 Mu g-15 Mu g of Chromatin
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 137kDa Observed Mw: 140kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

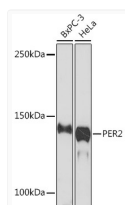
Gene ID	8864
Gene Symbol	PER2
UniProt ID	PER2_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MNGYAEFPSPSPNPTKEPVE PQPSQVPLQEDVDMSSGSSG HETNENCSTGRDSQGSDCDD SGKELGMLVEPPDARQSPDT FSLMMAKSEHNPSTSGCSDS
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PER2 (O15055).

ADDITIONAL INFORMATION

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



Chromatin immunoprecipitation analysis of extracts of MCF7 cells, using PER2 antibody (STJ11102255) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Western blot analysis of various lysates using PER2 Rabbit monoclonal antibody (STJ11102255) 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 Enhanced Kit. Exposure time: 3min.