

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

STJ11102255

## GENERAL INFORMATION

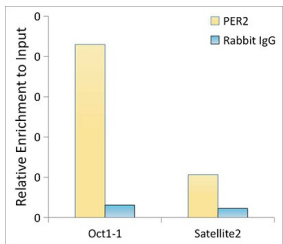
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/ELISA/ChIP
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human

## PRODUCT PROPERTIES

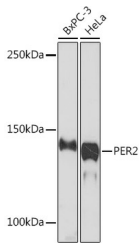
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S5MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. ChIP:5 Mu g antibody for 10 Mu g-15 Mu g of Chromatin
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

## TARGET INFORMATION

<b>Gene ID</b>	8864
<b>Gene Symbol</b>	PER2
<b>Uniprot ID</b>	PER2_HUMAN
<b>Immunogen</b>	
<b>Region</b>	1-100
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PER2 (O15055).
<b>Immunogen Sequence</b>	MNGYAEFPSPSNPTKEPVE PQPSQVPLQEDVDMSSGSSG HETNENCSTGRDSQGSDDCDD SGKELGMLVEPPDARQSPDT FSLMMAKSEHNPSTSGCSSD



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.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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