

## Anti-PTGER4 antibody (300-380 Internal) (STJ92935)

STJ92935

### GENERAL INFORMATION

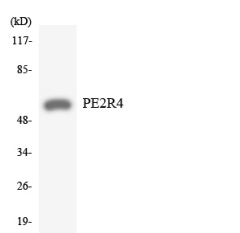
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Prostaglandin E2 Receptor Ep4 Subtype (300-380 Internal) is suitable for use in Western Blot, Immunofluorescence, Immunocytochemistry and ELISA research applications.
<b>Applications</b>	WB, IF, ICC, ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Rat, Mouse

### PRODUCT PROPERTIES

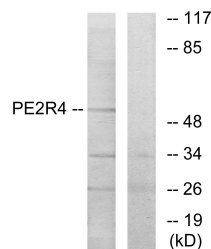
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution Range</b>	WB 1:500-1:2000 IF 1:200-1:1000 ELISA 1:20000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<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

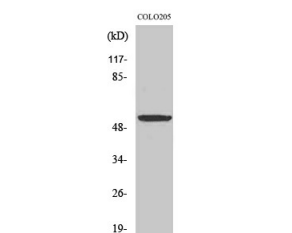
<b>Gene ID</b>	5734
<b>Gene Symbol</b>	PTGER4
<b>Uniprot ID</b>	PE2R4_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PE2R4 at amino acid range 321-370
<b>Immunogen Region</b>	300-380 Internal
<b>Specificity</b>	PTGER4 polyclonal antibody (Prostaglandin E2 Receptor Ep4 Subtype) binds to endogenous Prostaglandin E2 Receptor Ep4 Subtype at the amino acid region 300-380 Internal.
<b>Immunogen Sequence</b>	



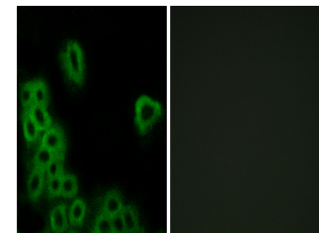
Western blot analysis of the lysates from HeLa cells using PE2R4 antibody.



Western blot analysis of lysates from COLO205 cells, using PE2R4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of COLO205 cells using EP4 Polyclonal Antibody



Immunofluorescence analysis of MCF7 cells, using PE2R4 Antibody. The picture on the right is blocked with the synthesized peptide.

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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