

## Rabbit Anti-EP4, HRP conjugated antibody

SL24918R-HRP

<b>Product Name</b>	EP4, HRP conjugated
<b>Chinese Name</b>	辣根过氧化物酶标记的前列腺素 E 受体蛋白 4 抗体
<b>Alias</b>	Prostaglandin E Receptor EP4; EP 4; EP4; EP-4; EP4R; MGC126583; PE2R4_HUMAN; PGE receptor EP4 subtype; PGE2 receptor EP4 subtype; Prostaglandin E receptor 4; Prostaglandin E receptor 4 subtype EP4; Prostaglandin E2 receptor; Prostaglandin E2 receptor EP4 subtype; Prostanoid EP4 receptor; PTGER 2; PTGER 4; PTGER2; PTGER4.
<b>Research Area</b>	Signal transduction G protein-coupled receptor
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Mouse WB=1:500-2000
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Theoretical molecular weight</b>	53kDa
<b>Cellular localization</b>	The cell membrane
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from mouse EP4: 1-100/513 <Extracellular>
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Buffer Solution</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>PubMed</b>	<a href="#">PubMed</a>

Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(s) proteins that stimulate adenylate cyclase. Has a relaxing effect on smooth muscle. May play an important role in regulating renal hemodynamics, intestinal epithelial transport, adrenal aldosterone secretion, and uterine function.

**SWISS:**  
P32240

**Gene ID:**  
19219

**Database links:**

[Entrez Gene: 5734](#) Human

[Entrez Gene: 19219](#) Mouse

[Entrez Gene: 84023](#) Rat

[Entrez Gene: 443222](#) Sheep

[Olim: 601586](#) Human

[SwissProt: P35408](#) Human

[SwissProt: P32240](#) Mouse

[SwissProt: P43114](#) Rat

[Unigene: 199248](#) Human

[Unigene: 18509](#) Mouse

[Unigene: 16062](#) Rat

**Product Detail**