

bs-24918R**[Primary Antibody]****BioSS**
ANTIBODIES

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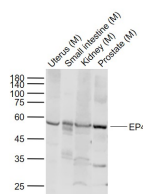
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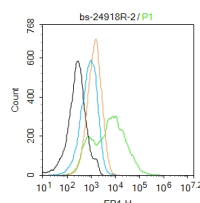
400-901-9800

EP4 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 19219 Target: EP4 Immunogen: KLH conjugated synthetic peptide derived from mouse EP4 : 1-100/513. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: 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.	Isotype: IgG SWISS: P32240	Applications: WB (1:500-2000) Flow-Cyt (2ug/Test) Reactivity: Mouse Predicted MW.: 53 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Sample: Lane 1: Mouse Uterus tissue lysates
 Lane 2: Mouse Small intestine tissue lysates Lane
 3: Mouse Kidney tissue lysates Lane 4: Mouse
 Prostate tissue lysates Primary: Anti-EP4
 (bs-24918R) at 1/1000 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 53 kD Observed
 band size: 55 kD



Blank control:CtII-2. Primary Antibody (green
 line): Rabbit Anti-EP4 antibody (bs-24918R)
 Dilution: 2ug/Test; Secondary Antibody : Goat
 anti-rabbit IgG-FITC Dilution: 0.5ug/Test.
 Protocol The cells were incubated in 5%BSA to
 block non-specific protein-protein interactions
 for 30 min at room temperature .Cells stained
 with Primary Antibody for 30 min at room
 temperature. The secondary antibody used for
 40 min at room temperature. Acquisition of
 20,000 events was performed.