

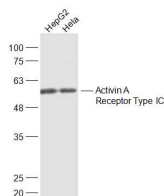
bs-5777R**[Primary Antibody]****Activin A Receptor Type IC Rabbit pAb****BioSS**
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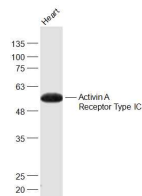
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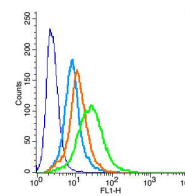
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 130399**SWISS:** Q8NER5**Target:** Activin A Receptor Type IC**Immunogen:** KLH conjugated synthetic peptide derived from human ACTRIC/Activin A Receptor Type IC: 21-120/493.**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:** Serine/threonine protein kinase which forms a receptor complex on ligand binding. The receptor complex consisting of 2 type II and 2 type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators, SMAD2 and SMAD3. Receptor for activin AB, activin B and NODAL. Plays a role in cell differentiation, growth arrest and apoptosis.**Applications:** **WB** (1:500-2000)**Flow-Cyt** (3µg/Test)**Reactivity:** Human, Mouse, Rat
(predicted: Rabbit, Pig, Cow, Dog)**Predicted MW.:** 53 kDa**Subcellular Location:** Cell membrane**— VALIDATION IMAGES —**

Sample: HepG2(Human) Cell Lysate at 30 ug
 HeLa(Human) Cell Lysate at 30 ug Primary: Anti-Activin A Receptor Type IC (bs-5777R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 53 kD



Sample: Heart (Mouse) Lysate at 40 ug Primary: Anti-Activin A Receptor Type IC (bs-5777R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 53 kD



Blank control: H9C2 (blue) Isotype Control Antibody: Rabbit IgG(orange) ; Secondary Antibody: Goat anti-rabbit IgG-FITC(white blue), Dilution: 1:100 in 1 X PBS containing 0.5% BSA ; Primary Antibody Dilution: 3µl in 100 µL1X PBS containing 0.5% BSA(green).