

bs-5777R**[Primary Antibody]****BioSS**
ANTIBODIES

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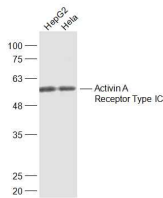
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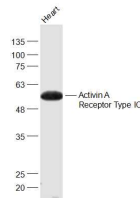
400-901-9800

Activin A Receptor Type IC Rabbit pAb**DATASHEET**

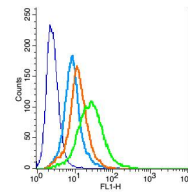
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| <p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 130399</p> <p>Target: Activin A Receptor Type IC</p> <p>Immunogen: KLH conjugated synthetic peptide derived from human ACTRIC/Activin A Receptor Type IC: 21-120/493.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>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.</p> <p>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.</p> | <p>Isotype: IgG</p> <p>SWISS: Q8NER5</p> | <p>Applications: WB (1:500-2000) Flow-Cyt (3µg/Test)</p> <p>Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Dog)</p> <p>Predicted MW.: 53 kDa</p> <p>Subcellular Location: Cell membrane</p> |
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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 µL 1X PBS containing 0.5% BSA (green).

SELECTED CITATIONS

- **[IF=4.7]** Wenjing Ma. et al. Activin A exacerbates neonatal necrotizing enterocolitis via ALK4-mediated apoptosis and barrier disruption. INT IMMUNOPHARMACOL. 2025 Aug;161:115043 IF ;Mouse. 40494204