

**bs-10062R****[ Primary Antibody ]****HGFA Inhibitor 2 Rabbit pAb****BioSS**  
**ANTIBODIES**

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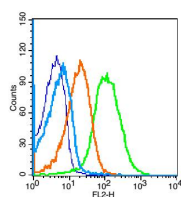
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**— DATASHEET —**

<p><b>Host:</b> Rabbit</p> <p><b>Clonality:</b> Polyclonal</p> <p><b>GeneID:</b> 10653</p> <p><b>Target:</b> HGFA Inhibitor 2</p> <p><b>Immunogen:</b> KLH conjugated synthetic peptide derived from human SPINT2: 31-130/252. &lt; Extracellular &gt;</p> <p><b>Purification:</b> affinity purified by Protein A</p> <p><b>Concentration:</b> 1mg/ml</p> <p><b>Storage:</b> 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><b>Background:</b> Tissue damage, such as hepatic and renal injury, initiates hepatocyte growth factor activator (HGFAC)-mediated limited proteolytic activation of the inactive single-chain precursor form of HGF. Initially, HGFAC is produced as a precursor protein, which is activated by limited proteolysis and is neutralized by specific inhibitors known as HGF activator inhibitors, designated HAIs. HAIs belong to the Kunitz-type serine protease inhibitor family. HAIs target HGF activator and are involved in the regulation of proteolytic activation of HGF in injured tissues. Human HAI-1 transcript is expressed in various human tissues, such as adult placenta, kidney, pancreas, prostate and small intestine, and fetal kidney and lung. It translates into a 478 amino acid protein. The human HAI-2 gene maps to chromosome 19q13.1 and encodes a 252 amino acid protein, also designated human placental bikunin or kop (Kunitz domain containing protein over-expressed in pancreatic cancer). HAI-1 and HAI-2 are produced in membrane-associated forms, which are secreted as active, proteolytically truncated proteins.</p>	<p><b>Isotype:</b> IgG</p> <p><b>SWISS:</b> O43291</p> <p><b>Applications:</b> Flow-Cyt (1µg/Test)</p> <p><b>Reactivity:</b> Mouse (predicted: Human, Rat, Pig, Cow, Dog, GuineaPig, Horse)</p> <p><b>Predicted MW.:</b> 28 kDa</p> <p><b>Subcellular Location:</b> Cell membrane</p>
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**— VALIDATION IMAGES —**

Blank control(blue): Mouse thymus cells(fixed with 2% paraformaldehyde (10 min)). Primary Antibody:Rabbit Anti- HGFA antibody(bs-10062R), Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG(orange),used under the same conditions ); Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.