

**bsm-61768R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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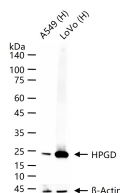
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**HPGD Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) IHC-P (1:100-200) IHC-F (1:100-200) IF (1:50-200) Flow-Cyt (1:50-100) ICC/IF (1:50-200)  <b>Reactivity:</b> Human   <b>Predicted MW.:</b> 29  <b>Subcellular Location:</b> Cytoplasm
<b>Clonality:</b> Recombinant		
<b>GeneID:</b> 3248	<b>SWISS:</b> P15428	
<b>Target:</b> HPGD		
<b>Immunogen:</b> A synthesized peptide derived from human 15 PGDH: 10-151.		
<b>Purification:</b> affinity purified by Protein A		
<b>Storage:</b> 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> Catalyzes the NAD-dependent dehydrogenation (oxidation) of a broad array of hydroxylated polyunsaturated fatty acids (mainly eicosanoids and docosanoids, including prostaglandins, lipoxins and resolvins), yielding their corresponding keto (oxo) metabolites.		

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with HPGD monoclonal antibody, unconjugated (bsm-61768R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.