

**bs-7637R**

**[ Primary Antibody ]**

## ICAM4 Rabbit pAb

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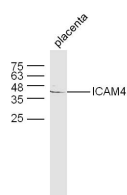
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400-901-9800

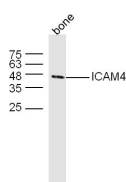
### DATASHEET

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) Flow-Cyt (1ug/test)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 3386	<b>SWISS:</b> Q14773	
<b>Target:</b> ICAM4		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ICAM4: 85-180/271.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<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.		
<b>Background:</b> ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM4 is also a ligand for alpha-4/beta-1 and alpha-V integrins.		
		<b>Reactivity:</b> Human, Mouse (predicted: Rat, Pig, Cow, Dog, Horse)
		<b>Predicted MW.:</b> 27 kDa
		<b>Subcellular Location:</b> Secreted ,Cell membrane

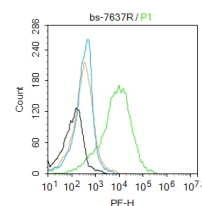
### VALIDATION IMAGES



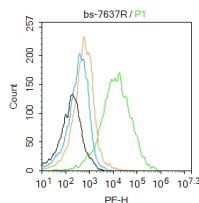
Sample: placenta(Mouse) Lysate at 40 ug  
Primary: Anti-ICAM4 (bs-7637R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 27 kD  
Observed band size: 45 kD



Sample: Bone (Mouse) Lysate at 40 ug Primary:  
Anti-ICAM4 (bs-7637R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 27 kD  
Observed band size: 45 kD



Blank control:K562. Primary Antibody (green line): Rabbit Anti-ICAM4 antibody (bs-7637R)  
Dilution: 2µg /10<sup>6</sup> cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 1µg /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.



Blank control:K562. Primary Antibody (green line): Rabbit Anti-ICAM4 antibody (bs-7637R)  
Dilution: 2µg /10<sup>6</sup> cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 1µg /test. Protocol The cells were incubated in 5%BSA to block non-specific protein-protein

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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## — SELECTED CITATIONS —

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- **[IF=3.23]** Polin, Helene, et al. "Compound heterozygosity of two novel RHAG alleles leads to a considerable disruption of the Rh complex." Transfusion 56.4 (2016): 950-955. FCM ;="Human". 27079312