

**bs-3651R****[ Primary Antibody ]****F11R/JAM-A/CD321 Rabbit pAb****BioSS**  
**ANTIBODIES**

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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>ELISA</b> (1:5000-10000)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 50848	<b>SWISS:</b> Q9Y624	
<b>Target:</b> F11R/JAM-A/CD321		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Junctional Adhesion Molecule 1: 51-150/299.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Pig, Cow, Dog)
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 30 kDa
<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> Junctional Adhesion Molecule 1 (JAM1) seems to play a role in epithelial tight junction formation. It appears early in primordial forms of cell junctions and recruits PARD3. The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM1, thereby preventing tight junction assembly. JAM1 plays a role in regulating monocyte transmigration involved in integrity of the epithelial barrier. JAM1 is also involved in platelet activation.		<b>Subcellular Location:</b> Cell membrane

**— SELECTED CITATIONS —**

- **[IF=3.775]** Xue Y et al. Chlorogenic acid attenuates cadmium-induced intestinal injury in Sprague–Dawley rats. Food Chem Toxicol. 2019 Aug 4;133:110751. WB ;Rat. 31390532
- **[IF=3.114]** Yugo Kato. et al. Tocotrienols reach the brain and play roles in the attenuation of body weight gain and improvement of cognitive function in high-fat diet-treated mice. 2021 Jun 11 WB ;Mouse. 10.3164/jcbn.21-10