**bs-3651R** **[ Primary Antibody ]**

# F11R/JAM-A/CD321 Rabbit pAb

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## DATASHEET

**Host:** Rabbit **Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 50848 **SWISS:** Q9Y624

**Target:** F11R/JAM-A/CD321

**Immunogen:** KLH conjugated synthetic peptide derived from human Junctional Adhesion Molecule 1: 51-150/299. < Extracellular >

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**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.

**Background:** 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.

**Applications:** **WB** (1:500-2000)
**ELISA** (1:5000-10000)

**Reactivity:** Human (predicted: Mouse, Rat, Pig, Cow, Dog)

**Predicted MW.:** 30 kDa

**Subcellular Location:** 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