

bs-7674R**[Primary Antibody]**

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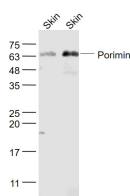
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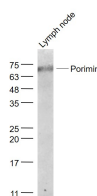
400-901-9800

Porimin Rabbit pAb**— DATASHEET —**

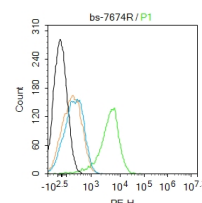
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Flow-Cyt (2ug/Test)
Clonality: Polyclonal		Reactivity: Human, Mouse, Rat (predicted: Pig, Cow, Dog, Horse)
GeneID: 114908	SWISS: Q8N131	Predicted MW.: 19 kDa
Target: Porimin		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human Porimin: 101-180/208. < 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: This gene encodes a highly glycosylated transmembrane protein with a high content of threonine and serine residues in its extracellular domain, similar to a broadly defined category of proteins termed mucins. Exposure of some cell types to anti PORIMIN (pro oncosis receptor inducing membrane injury) antibody, crosslinks this protein on the cell surface and induces a type of cell death termed oncosis. Oncosis is distinct from apoptosis and is characterized by a loss of cell membrane integrity without DNA fragmentation. This gene product is proposed to function as a cell surface receptor that mediates cell death.		

— VALIDATION IMAGES —

Sample: Skin (Mouse) Lysate at 40 ug Skin (Rat) Lysate at 40 ug Primary: Anti- Porimin (bs-7674R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 19 kD Observed band size: 64 kD



Sample: Lymph node (Mouse) Lysate at 40 ug Primary: Anti- Porimin (bs-7674R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 19 kD Observed band size: 74 kD



Blank control: Molt4. Primary Antibody (green line): Rabbit Anti-Porimin antibody (bs-7674R) Dilution: 2µg /10⁶ 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.

— SELECTED CITATIONS —

- **[IF=5.6]** Dongjie Zhang. et al. Dihydroanthranone Triggers Porimin-Dependent Oncosis by ROS-Mediated Mitochondrial Dysfunction in Non-Small-Cell Lung Cancer. INT J MOL SCI. 2023 Jan;24(15):11953 WB ;Mouse. 37569328
- **[IF=3.69]** Sukfan P. Kwong. et al. PORIMIN: The key to (+)-Usnic acid-induced liver toxicity and oncotic cell death in normal human L02 liver cells. J Ethnopharmacol. 2021 Apr;270:113873 WB ;Human. 33485970
- **[IF=2.9]** Chengcheng Li. et al. Oncosis is the predominant type of cell death in rhabdomyolysis following exertional heat

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

