

Anti-Porimin Polyclonal Antibody

Product Details

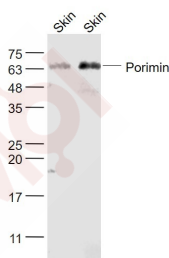
Ig Type: IgG
Reactivity: Human, Mouse (predicted: Rat, Dog, Pig, Cow, Horse)
Molecular Weight: Theoretical: 19 kDa. Actual: 70 kDa.
Purification: Protein A purified

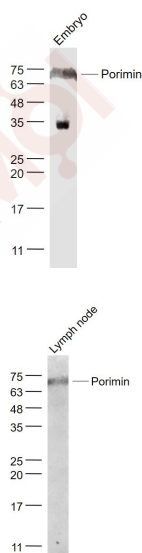
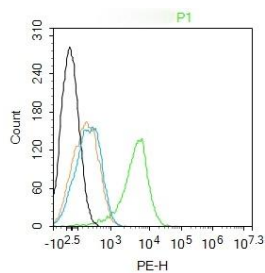
Applications

1. Sample:
Skin (Mouse) Lysate at 40 µg
Skin (Rat) Lysate at 40 µg
Primary: Anti-Porimin (TMAB-01559) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 19 kDa
Observed band size: 64 kDa
2. Blank control: Molt4. Primary Antibody (green line): Rabbit Anti-Porimin antibody (TMAB-01559)
Dilution: 2 µg/10⁶ cells;
Isotype Control Antibody (orange line): Rabbit IgG.
Secondary Antibody: Goat anti-rabbit IgG-PE
Dilution: 1 µg/test.
Protocol

Verified Activity: 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.

3. Sample:
Embryo (Mouse) Lysate at 40 µg
Primary: Anti-Porimin (TMAB-01559) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 19 kDa
Observed band size: 74 kDa
4. Sample:
Lymphnode (Mouse) Lysate at 40 µg
Primary: Anti-Porimin (TMAB-01559) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 19 kDa
Observed band size: 74 kDa





Application: FCM, WB

Recommended WB: 1:500-2000; FCM: 2ug/Test

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Porimin

Antigen Species: Human

Gene ID: 114908

Uniprot ID: Q8N131

Synonyms: TMEM123; Serine/threonine rich receptor; KCT3; Transmembrane protein 123; Pro oncosis receptor inducing membrane injury; PORIM; Keratinocytes associated transmembrane protein 3

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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