

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human Porimin in direct ELISAs and Western blots.
<b>Source</b>	Polyclonal Goat IgG
<b>Purification</b>	Protein A or G purified
<b>Immunogen</b>	Chinese hamster ovary cell line CHO-derived recombinant human Porimin His27-Ser149 Accession # AAG21694
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Western Blot</b>	1 µg/mL	Recombinant Human Porimin
<b>Flow Cytometry</b>	0.25 µg/10 <sup>6</sup> cells	Jurkat human acute T cell leukemia cell line

## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 1 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>• 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>• 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>• 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## BACKGROUND

Human Porimin is a 55-110 kDa type I transmembrane (TM) glycoprotein that belongs to a mucin family. The ECD contains 45% serine and threonine and has multiple N- and O-linked glycosylation sites. The cytoplasmic tail contains a lysosome-targeting motif. Porimin activation induces cell death. The amino acid sequence of human Porimin ECD is 40% identical to that of mouse, rat and canine, respectively.