Human Porimin Antibody

Monoclonal Mouse IgG_{2B} Clone # 297617

Catalog Number: MAB3010

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Porimin in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG_{2B} Clone # 297617
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human Porimin His27-Ser149 Accession # AAG21694
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose.

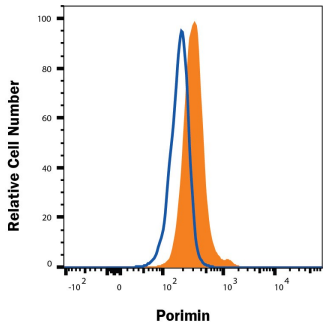
APPLICATIONS

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.*

	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Human Porimin
Flow Cytometry	2.5 µg/10^6 cells	Jurkat human acute T cell leukemia cell line, MDA-MB-231 human breast cancer cell line
CyTOF-ready	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

DATA

Flow Cytometry



Detection of Porimin in MDA-MB-231 cells by Flow Cytometry. MDA-MB-231 cells were stained with Mouse Anti-Human Porimin Monoclonal Antibody (Catalog # MAB3010, filled histogram) or isotype control antibody (Catalog # MAB0041, open histogram), followed by Phycoerythrin-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # F0102B). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Porimin is a widely expressed mucin-related transmembrane glycoprotein. Cross-linking of Porimin leads to membrane disruption and cell death.

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