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Datasheet for ABIN7427573
anti-PMP22 antibody (AA 31-133)

1 Image

Overview

Quantity:	100 µL
Target:	PMP22
Binding Specificity:	AA 31-133
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Peripheral Myelin Protein 22 (PMP22)
Immunogen:	Recombinant Peripheral Myelin Protein 22 (PMP22) corresponding to Gly31~Gly133 with Two N-terminal Tags, His-tag and SUMO-tag
Clone:	C10
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against PMP22. It has been selected for its ability to recognize PMP22 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

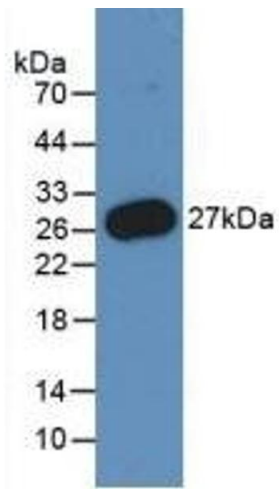
Target:	PMP22
Alternative Name:	Peripheral Myelin Protein 22 (PMP22 Products)
Background:	DSS, CMT1A, CMT1E, GAS3, HMSNIA, HNPP, Sp110, Growth arrest-specific protein 3

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-30 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-30 µg/mL Immunohistochemistry in paraffin section: 5-30 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant PMP22, Human using Monoclonal Antibody to Peripheral Myelin Protein 22 (PMP22)