

Anti-PMP2 Antibody (2T155)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2T155
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:1000-1:2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human PMP2 protein (TMPY-01563)
Antigen Species:	Human
Synonyms:	P2;M-FABP;FABP8;peripheral myelin protein 2;MP2

Research Background

Myelin P2 protein, also known as PMP2, is a cytosolic protein found primarily in peripheral nerves. It belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family. PMP2 is a small, basic, and cytoplasmic lipid binding protein of peripheral myelin. It is similar in amino acid sequence and tertiary structure to fatty acid binding proteins found in the liver, adipocytes, and intestine, its expression is limited to the nervous system. PMP2 is detected only in myelin-producing cells of the central and peripheral nervous systems, the oligodendrocytes and Schwann cells, respectively. PMP2 may play a role in lipid transport protein in Schwann cells. It forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.

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