

Datasheet for ABIN652562
anti-MPZ antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	MPZ
Binding Specificity:	AA 186-215, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPZ antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This MPZ antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 186-215 amino acids from the C-terminal region of human MPZ.
Clone:	RB21459
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MPZ
Alternative Name:	MPZ (MPZ Products)

Target Details

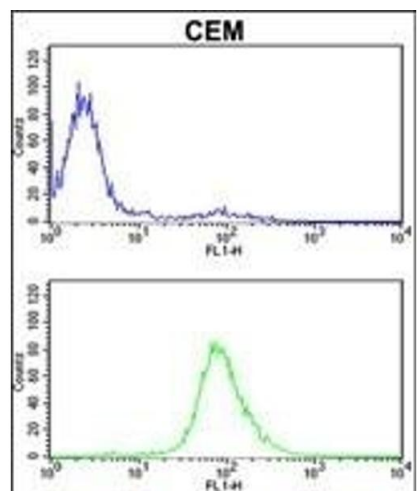
Background:	MPZ is a major structural protein of peripheral myelin. Creation of an extracellular membrane face which guides the wrapping process and ultimately compacts adjacent lamellae.
Molecular Weight:	27555
Gene ID:	4359
NCBI Accession:	NP_000521
UniProt:	P25189

Application Details

Application Notes:	WB: 1:2000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

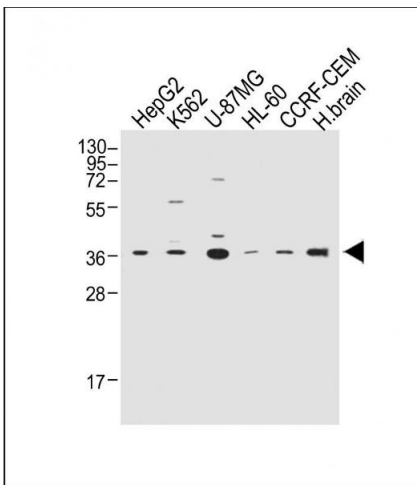
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



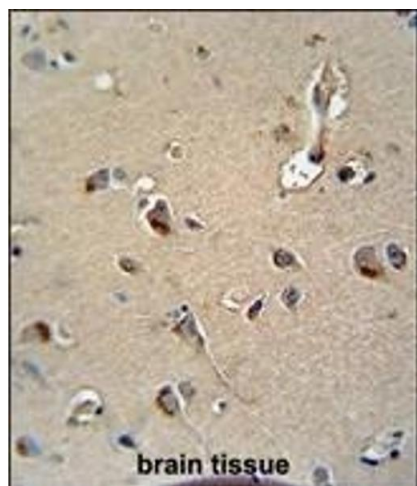
Flow Cytometry

Image 1. Z Antibody (C-term) (ABIN652562 and ABIN2842378) flow cytometric analysis of CEM cells (bottom histogram) coated to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. All lanes : Anti-Z Antibody (C-term) at 1:2000 dilution Lane 1: HepG2 whole cell lysate Lane 2: K562 whole cell lysate Lane 3: U-87MG whole cell lysate Lane 4: HL-60 whole cell lysate Lane 5: CCRF-CEM whole cell lysate Lane 6: Human brain whole tissue lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/2000 dilution. Predicted band size : 28 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Z Antibody (C-term) (ABIN652562 and ABIN2842378) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the Z Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.