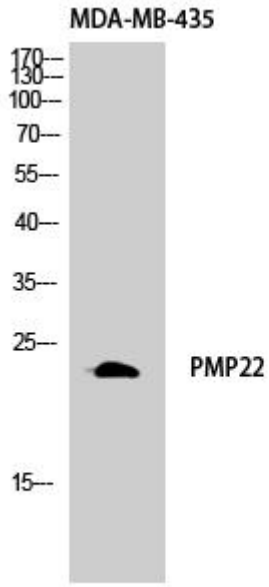
GAS3 Monoclonal Antibody

Catalog No	BYmab-12728
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PMP22
Protein Name	Peripheral myelin protein 22
Immunogen	The antiserum was produced against synthesized peptide derived from human PMP22. AA range:111-160
Specificity	GAS3 Monoclonal Antibody detects endogenous levels of GAS3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PMP22; GAS3; Peripheral myelin protein 22; PMP-22; Growth arrest-specific protein 3; GAS-3
Observed Band	22kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Fetal fibroblast,Kidney,Peripheral blood,Peripheral blood leukocyte,Spinal
Function	disease:Defects in PMP22 are a cause of Dejerine-Sottas syndrome (DSS) [MIM:145900]; also known as Dejerine-Sottas neuropathy (DSN) or hereditary motor and sensory neuropathy III (HMSN3). DSS is a severe degenerating neuropathy of the demyelinating Charcot-Marie-Tooth disease category, with onset by age 2 years. DSS is characterized by motor and sensory neuropathy with very slow nerve conduction velocities, increased cerebrospinal fluid protein concentrations, hypertrophic nerve changes, delayed age of walking as well as areflexia. There are both autosomal dominant and autosomal recessive forms of Dejerine-Sottas syndrome.,disease:Defects in PMP22 are a cause of hereditary neuropathy with liability to pressure palsies (HNPP) [MIM:162500]; an autosomal

	dominant disorder characterized by transient episodes of decreased perception or peripheral nerve palsies after slight traction, compressi
Background	This gene encodes an integral membrane protein that is a major component of myelin in the peripheral nervous system. Studies suggest two alternately used promoters drive tissue-specific expression. Various mutations of this gene are causes of Charcot-Marie-Tooth disease Type IA, Dejerine-Sottas syndrome, and hereditary neuropathy with liability to pressure palsies. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using GAS3 Monoclonal Antibody