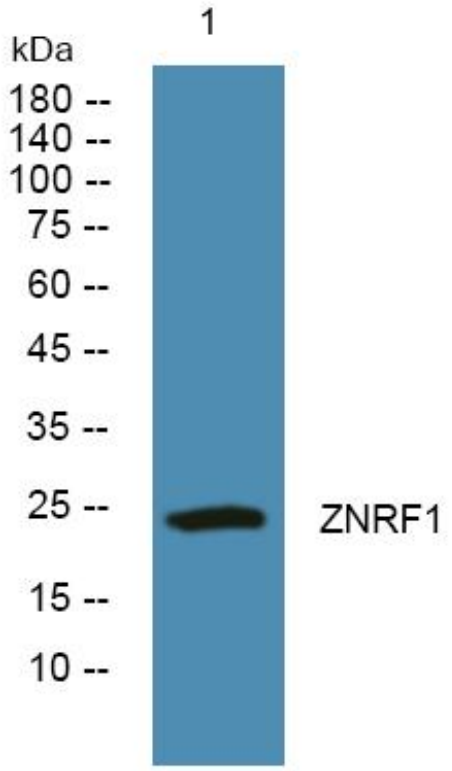
ZNRF1 Monoclonal Antibody

Catalog No	BYmab-05566
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	ZNRF1 NIN283
Protein Name	E3 ubiquitin-protein ligase ZNRF1 (EC 6.3.2.-) (Nerve injury-induced gene 283 protein) (Zinc/RING finger protein 1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ZNRF1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	
Observed Band	24kD
Cell Pathway	Endosome. Lysosome. Membrane; Peripheral membrane protein. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Peripheral membrane protein . Associated with synaptic vesicle membranes in neurons.
Tissue Specificity	Expressed primarily in the nervous system, with expression higher in developing brain relative to adult. Expressed at low levels in testis and thymus.
Function	domain:The RING-type zinc finger domain is required for E3 ligase activity.,function:E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to substrates. May play a role in the establisment and maintenance of neuronal transmission and plasticity via its ubiquitin-protein ligase activity.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 RING-type zinc finger.,subcellular location:Associated with synaptic vesicle membranes in neurons.,tissue specificity:Expressed primarily in the nervous system, with expression higher in developing brain relative to adult. Expressed at low levels in testis and thymus.,

Background	This gene encodes an E3 ubiquitin-protein ligase that plays a role in neural-cell differentiation. Overexpression of this gene causes neurite-like elongation. The encoded protein contains both a zinc finger and a RING finger motif and is localized in the endosome/lysosome compartment, indicating that it may be involved in ubiquitin-mediated protein modification, and in synaptic vessicle membranes in neurons. [provided by RefSeq, Feb 2012],
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 ZNRF1 Monoclonal Antibody