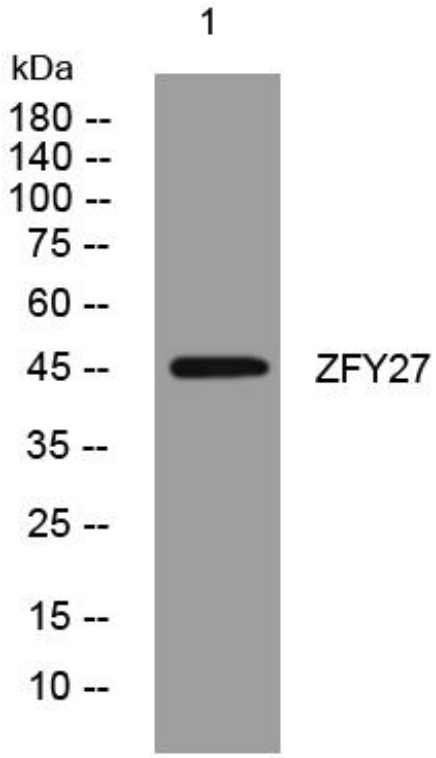
ZFY27 mouse mAb

Catalog No	BYmab-11708
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	ZFYVE27
Protein Name	ZFY27
Immunogen	Synthesized peptide derived from human ZFY27 AA range: 351-401
Specificity	This antibody detects endogenous levels of ZFY27 at Human/Mouse/Rat
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	
Observed Band	
Cell Pathway	Recycling endosome membrane ; Multi-pass membrane protein . Endoplasmic reticulum membrane ; Multi-pass membrane protein . Cell projection, growth cone membrane ; Multi-pass membrane protein . Localizes at both dendrites and axons (By similarity). Localizes to endoplasmic reticulum tubular network. .
Tissue Specificity	
Function	disease:Defects in ZFYVE27 are the cause of spastic paraplegia autosomal dominant type 33 (SPG33) [MIM:610244]. Spastic paraplegia is a neurodegenerative disorder characterized by a slow, gradual, progressive weakness and spasticity of the lower limbs. Rate of progression and the severity of symptoms are quite variable. Initial symptoms may include difficulty with balance, weakness and stiffness in the legs, muscle spasms, and dragging the toes when walking. In some forms of the disorder, bladder symptoms (such as incontinence) may appear, or the weakness and stiffness may spread to other parts of the body.,similarity:Contains 1 FYVE-type zinc finger.,subcellular location:Punctate vesicles.,subunit:Interacts with SPAST/spastin.,

Background	This gene encodes a protein with several transmembrane domains, a Rab11-binding domain and a lipid-binding FYVE finger domain. The encoded protein appears to promote neurite formation. A mutation in this gene has been reported to be associated with hereditary spastic paraplegia, however the pathogenicity of the mutation, which may simply represent a polymorphism, is unclear. [provided by RefSeq, Mar 2010],
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 ZFY27 mouse mAb