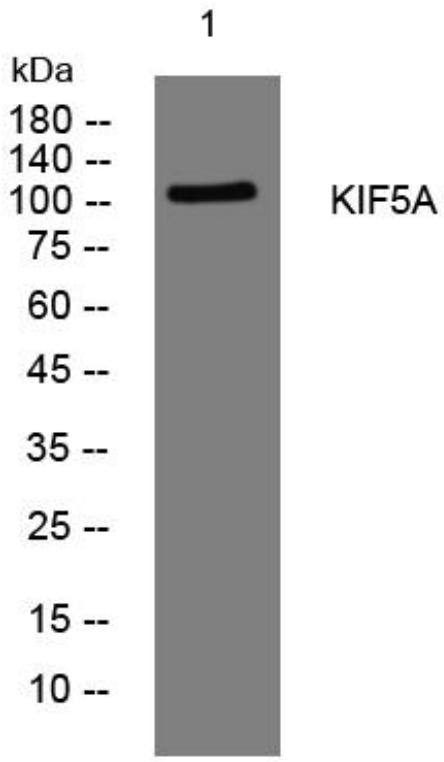
KIF5A mouse mAb

Catalog No	BYmab-11657
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	KIF5A NKHC1
Protein Name	KIF5A
Immunogen	Synthesized peptide derived from human KIF5A AA range: 213-263
Specificity	This antibody detects endogenous levels of KIF5A 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	Cytoplasm, perinuclear region . Cytoplasm, cytoskeleton . Perikaryon . Concentrated in the cell body of the neurons, particularly in the perinuclear region. .
Tissue Specificity	Distributed throughout the CNS but is highly enriched in subsets of neurons.
Function	disease:Defects in KIF5A are the cause of spastic paraplegia type 10 (SPG10) [MIM:604187]. SPG10 is a form of autosomal dominant hereditary spastic paraplegia (AD-HSP). HSP is a group of inherited degenerative spinal cord disorders characterized by a slow, gradual, progressive weakness and spasticity (stiffness) of the legs. Rate of progression and the severity of symptoms is 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.,domain:Composed of three structural domains: a large globular N-terminal domain which is responsible for the motor activity of kinesin (it hydrolyzes ATP

	and binds microtubule), a central alpha-helical coiled coi
Background	This gene encodes a member of the kinesin family of proteins. Members of this family are part of a multisubunit complex that functions as a microtubule motor in intracellular organelle transport. Mutations in this gene cause autosomal dominant spastic paraplegia 10. [provided by RefSeq, Jul 2008],
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 KIF5A mouse mAb