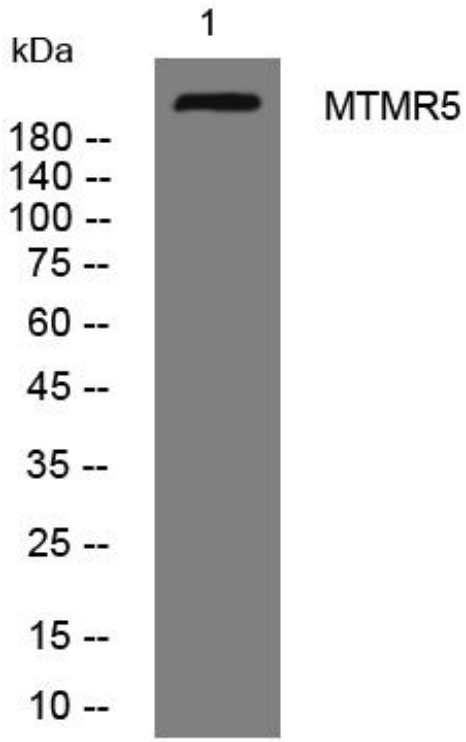
MTMR5 mouse mAb

Catalog No	BYmab-08951
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	SBF1 MTMR5
Protein Name	MTMR5
Immunogen	Synthesized peptide derived from human MTMR5 AA range: 320-370
Specificity	This antibody detects endogenous levels of MTMR5 at Human/Mouse
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 . Cytoplasm, perinuclear region .
Tissue Specificity	
Function	function:Probable pseudophosphatase. Lacks several amino acids in the catalytic pocket which renders it catalytically inactive as a phosphatase. The pocket is however sufficiently preserved to bind phosphorylated substrates, and maybe protect them from phosphatases. Inhibits myoblast differentiation in vitro and induces oncogenic transformation in fibroblasts.,similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class myotubularin subfamily.,similarity:Contains 1 dDENN domain.,similarity:Contains 1 DENN domain.,similarity:Contains 1 GRAM domain.,similarity:Contains 1 myotubularin phosphatase domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 uDENN domain.,subunit:Interacts with the SET domain of MLL/HRX. Interacts with SUV39H1.,

Background	This gene encodes a member of the protein-tyrosine phosphatase family. However, the encoded protein does not appear to be a catalytically active phosphatase because it lacks several amino acids in the catalytic pocket. This protein contains a Guanine nucleotide exchange factor (GEF) domain which is necessary for its role in growth and differentiation. Mutations in this gene have been associated with Charcot-Marie-Tooth disease 4B3. Pseudogenes of this gene have been defined on chromosomes 1 and 8. [provided by RefSeq, Dec 2014],
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 MTMR5 mouse mAb