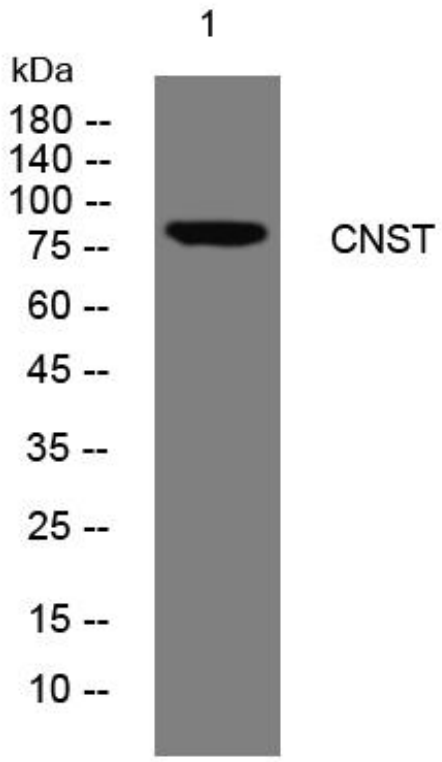
CNST mouse mAb

Catalog No	BYmab-12019
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	CNST C1orf71
Protein Name	CNST
Immunogen	Synthesized peptide derived from human CNST AA range: 296-346
Specificity	This antibody detects endogenous levels of CNST 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	Cell membrane ; Single-pass membrane protein . Golgi apparatus, trans-Golgi network membrane ; Single-pass membrane protein . Cytoplasmic vesicle, secretory vesicle . Located predominantly in the trans-Golgi network. Probably trafficks between the trans-Golgi network and the cell membrane via the secretory pathway.
Tissue Specificity	
Function	
Background	Targeting of numerous transmembrane proteins to the cell surface is thought to depend on their recognition by cargo receptors that interact with the adaptor machinery for anterograde traffic at the distal end of the Golgi complex. Consortin (CNST) is an integral membrane protein that acts as a binding partner of connexins, the building blocks of gap junctions, and acts as a trans-Golgi network (TGN) receptor involved in connexin targeting to the plasma membrane and

	recycling from the cell surface (del Castillo et al., 2010 [PubMed 19864490]).[supplied by OMIM, Jun 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 CNST mouse mAb