



# TMEM119 mouse mAb

<b>Catalog No</b>	BYmab-17934
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	TMEM119 PSEC0199 UNQ731/PRO1415
<b>Protein Name</b>	Transmembrane protein 119
<b>Immunogen</b>	Synthesized peptide derived from human TMEM119
<b>Specificity</b>	This antibody detects endogenous levels of TMEM119 at Human, Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	31kD
<b>Cell Pathway</b>	Cell membrane ; Single-pass type I membrane protein . Cytoplasm . Endoplasmic reticulum membrane .
<b>Tissue Specificity</b>	Expressed in brain microglia (at protein level). Elevated expression levels seen in the brain of patients with Alzheimer disease. Expressed by osteoblast-like cells in bone tissues and follicular dendritic cells in lymphoid tissues.
<b>Function</b>	Plays an important role in bone formation and normal bone mineralization. Promotes the differentiation of myoblasts into osteoblasts . May induce the commitment and differentiation of myoblasts into osteoblasts through an enhancement of BMP2 production and interaction with the BMP-RUNX2 pathway. Up-regulates the expression of ATF4, a transcription factor which plays a central role in osteoblast differentiation. Essential for normal spermatogenesis and late testicular differentiation (By similarity).
<b>Background</b>	

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**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