BMPER Monoclonal Antibody

Catalog No	YP-mAb-07103
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	BMPER KIAA1965
Immunogen	Synthesized peptide derived from human protein . at AA range: 440-520
Specificity	BMPER Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Aeg2;CRISP 3;CRISP3;CRS3;SGP28;BMPER;BMPER KIAA1965;BMP-binding endothelial regulator protein (Bone morphogenetic protein-binding endothelial cell precursor-derived regulator) (Protein crossveinless-2) (hCV2)
Observed Band	75-80kDa
Calculated Molecular Weight	76 kDa
Cell Pathway	Secreted .
Tissue Specificity	Highly expressed in lung, and brain and also in primary chondrocytes.
Function	function:Inhibitor of bone morphogenetic protein (BMP) function, it may regulate BMP responsiveness of osteoblasts and chondrocytes.,similarity:Contains 1 TIL (trypsin inhibitory-like) domain.,similarity:Contains 1 VWFD domain., similarity:Contains 5 VWFC domains.,subunit:Interacts with BMP4.,tissue specificity:Highly expressed in lung, and brain and also in primary chondrocytes.,
Background	This gene encodes a secreted protein that interacts with, and inhibits bone morphogenetic protein (BMP) function. It has been shown to inhibit BMP2- and BMP4-dependent osteoblast differentiation and BMP-dependent differentiation of the chondrogenic cells. Mutations in this gene are associated with a lethal skeletal disorder, diaphanospondylodysostosis. [provided by RefSeq, Dec 2011],

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

