



Lubricin/MSF mouse mAb

Catalog No	YP-mAb-18249
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PRG4 MSF SZP
Immunogen	Synthesized peptide derived from human Lubricin/MSF
Specificity	This antibody detects endogenous levels of Lubricin/MSF 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Articular superficial zone protein;bG174L6.2;CACP;Camptodactyly arthropathy coxa vara pericarditis syndrome gene;FLJ32635;HAPO;Jacobs camptodactyly arthropathy pericarditis syndrome gene;JCAP;Megakaryocyte stimulating factor; MSF;PRG 4;PRG4;Proteoglycan 4;Proteoglycan4;Superficial zone proteoglycan; SZP;PRG4 MSF SZP;Proteoglycan 4 (Lubricin) (Megakaryocyte-stimulating factor) (Superficial zone proteoglycan) [Cleaved into: Proteoglycan 4 C-terminal part]
Observed Band	154kD
Calculated Molecular Weight	151kDa; 151kD(Calculated).
Cell Pathway	Secreted .
Tissue Specificity	Highly expressed in synovial tissue, cartilage and liver and weakly in heart and lung. Isoform B is expressed in kidney, lung, liver, heart and brain. Isoform C and isoform D are widely expressed.
Function	Plays a role in boundary lubrication within articulating joints. Prevents protein deposition onto cartilage from synovial fluid by controlling adhesion-dependent synovial growth and inhibiting the adhesion of synovial cells to the cartilage surface.; Isoform F plays a role as a growth factor acting on the primitive cells of both hematopoietic and endothelial cell lineages.



Background

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