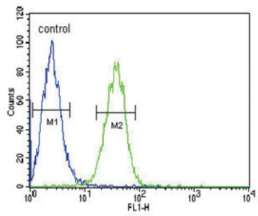
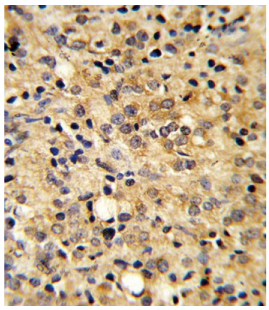
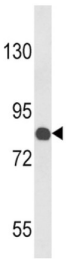
Cartilage Oligomeric Matrix Protein (COMP) Antibody

Catalogue No.:abx033054







COMP is a noncollagenous extracellular matrix (ECM) protein. It consists of five identical glycoprotein subunits, each with EGF-like and calcium-binding (thrombospondin-like) domains. Oligomerization results from formation of a five-stranded coiled coil and disulfides. Binding to other ECM proteins such as collagen appears to depend on divalent cations.

Target:	Cartilage Oligomeric Matrix Protein (COMP)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC, FCM
Host:	Rabbit
Recommended dilutions:	WB: 1/2000, IHC-P: 1/10 - 1/50, FCM: 1/25. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

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Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 314-343 amino acids from the Central region of human COMP.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P49747 (UniProt, ExPASy)
NCBI Accession:	NP_000086.2
KEGG:	hsa:1311
String:	9606.ENSP00000222271
Molecular Weight:	Calculated MW: 82.9 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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