

Datasheet for ABIN7635993 **anti-COMP antibody**



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Overview

Quantity:	100 µL
Target:	COMP
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This COMP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Cartilage Oligomeric Matrix Protein (COMP)
Immunogen:	RPB197Hu01Recombinant Cartilage Oligomeric Matrix Protein (COMP)
Clone:	C7
Specificity:	The antibody is a mouse monoclonal antibody raised against COMP. It has been selected for its ability to recognize COMP in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	COMP
Alternative Name:	COMP (COMP Products)

Target Details

Background:	MED, EDM1, EPD1, PSACH, THBS5, TSP-5, Pseudoachondroplasia, Epiphyseal Dysplasia 1, Multiple, Thrombospondin 5
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UniProt:	P49747
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Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
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Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 mg/mL
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Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C, -20 °C
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Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
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