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anti-SMOC2 antibody (C-Term)



Overview	
Quantity:	100 μL
Target:	SMOC2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMOC2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

Immunogen: Recombinant protein encompassing a sequence within the C-terminus region of human SMOC2. The exact sequence is proprietary.

Isotype: IgG

Cross-Reactivity: Human

Purification: Purified by antigen-affinity chromatography.

Target Details

Target:	SMOC2
Alternative Name:	SPARC related modular calcium binding 2 (SMOC2 Products)
Background:	SPARC related modular calcium binding 2 , DTDP1 , MST117 , MSTP117 , MSTP140 , SMAP2 ,

bA270C4A.1, bA37D8.1, dJ421D16.1,This gene encodes a member of the SPARC family			
(secreted protein acidic and rich in cysteine/osteonectin/BM-40), which are highly expressed			
during embryogenesis and wound healing. The gene product is a matricellular protein which			
promotes matrix assembly and can stimulate endothelial cell proliferation and migration, as			
well as angiogenic activity. Associated with pulmonary function, this secretory gene product			
contains a Kazal domain, two thymoglobulin type-1 domains, and two EF-hand calcium-binding			
domains. The encoded protein may serve as a target for controlling angiogenesis in tumor			
growth and myocardial ischemia. Alternative splicing results in multiple transcript variants.			
[provided by RefSeq]			

Molecular Weight:	50 kDa
Gene ID:	64094
UniProt:	Q9H3U7

Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
	Not tested in other applications.
Comment:	Positive Control: HepG2
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.72 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.