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anti-SPON2 antibody (AA 21-120) (Biotin)



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Quantity:	100 μL	
Target:	SPON2	
Binding Specificity:	AA 21-120	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SPON2 antibody is conjugated to Biotin	
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SPON2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	SPON2	
Alternative Name:	SPON2/M spondin/Mindin (SPON2 Products)	
Background:	Synonyms: SPON 2, Dferentially expressed in cancerous and non-cancerous lung cells 1, DIL	

DIL-1, DIL1, M spondin, Mindin, Spon2, SPON2_HUMAN, Spondin 2, Spondin-2.

Background: The Thrombospondin proteins, Thrombospondins 1-4 and Thrombospondin 5

(also designated COMP), compose a family of glycoproteins that are involved in cell-to-cell and cell-to-matrix signaling. These extracellular, cell-surface proteins form complexes of both homo- and heteromultimers. Spondin-2, or Mindin, is also designated DIL-1 for its differential expression in cancerous and non-cancerous lung cells. Full-length SPON2 cDNA encodes a 331 amino acid protein with a domain arrangement similar to zebrafish F-Spondin and Mindin-1/Mindin-2: an FS1 domain, an FS2 domain, a hydrophobic signal sequence in the N-terminus and a Thrombospondin type I repeat. Immunoblot analysis demonstrates expression of dimers and oligomers in a concentration-dependent manner under nonreducing conditions.

Application Details

Restrictions:	For Research Use only
	IHC-F 1:100-500
Application Notes:	IHC-P 1:200-400

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months