

Datasheet for ABIN916170
anti-SPARC antibody (PE-Cy5.5)



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Overview

Quantity:	100 µL
Target:	SPARC
Reactivity:	Human, Mouse, Rat, Cow, Pig, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPARC antibody is conjugated to PE-Cy5.5
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SPARC
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SPARC
Alternative Name:	SPARC (SPARC Products)
Background:	Synonyms: ON, SPARC, Basement-membrane protein 4, BM-4, Osteonectin, Secreted protein acidic and rich in cysteine

Target Details

	Background: Appears to regulate cell growth through interactions with the extracellular matrix and cytokines. Binds calcium and copper, several types of collagen, albumin, thrombospondin, PDGF and cell membranes. There are two calcium binding sites, an acidic domain that binds 5 to 8 Ca(2+) with a low affinity and an EF-hand loop that binds a Ca(2+) ion with a high affinity.
Molecular Weight:	33kDa
Gene ID:	6678
UniProt:	P09486
Pathways:	Autophagy

Application Details

Application Notes:	WB(1:100-500) FCM(1:100-500) IHC-P(1:100-500) IF(IHC-P)(1:100-500)
Restrictions:	For Research Use only

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:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months