



# Mouse Anti-Human SFRP4 Monoclonal Antibody, clone D2 (CABT-L2063)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Monoclonal Antibody to Secreted Frizzled Related Protein 4 (Knockout Validated)
<b>Specificity</b>	The antibody is a mouse monoclonal antibody raised against SFRP4. It has been selected for its ability to recognize SFRP4 in immunohistochemical staining and western blotting.
<b>Target</b>	SFRP4
<b>Immunogen</b>	Recombinant fragment corresponding to human SFRP4 fragmentMet265~Val346
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	D2
<b>Purification</b>	Protein A + Protein G affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.

<b>Preservative</b>	0.05% Proclin-300
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
<b>Ship</b>	4°C with ice bags

## BACKGROUND

<b>Introduction</b>	Secreted frizzled-related protein 4 (SFRP4) is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. The expression of SFRP4 in ventricular myocardium correlates with apoptosis related gene expression. [provided by RefSeq, Jul 2008]
<b>Keywords</b>	FRP-4;FRPHE;Frizzled protein, human endometrium

## GENE INFORMATION

<b>Gene Name</b>	SFRP4 secreted frizzled-related protein 4 [ Homo sapiens (human) ]
<b>Official Symbol</b>	SFRP4
<b>Synonyms</b>	SFRP4; secreted frizzled-related protein 4; FRP-4; FRPHE; sFRP-4; frizzled protein, human endometrium; secreted frizzled-related protein 4; secreted frizzled-related protein 4;
<b>Entrez Gene ID</b>	<a href="#">6424</a>
<b>Protein Refseq</b>	NP_003005
<b>UniProt ID</b>	<a href="#">Q6FHJ7</a>
<b>Chromosome Location</b>	7p14.1
<b>Pathway</b>	Adipogenesis; Wnt Signaling Pathway; Wnt signaling pathway;
<b>Function</b>	NOT G-protein coupled receptor activity; NOT Wnt-activated receptor activity; Wnt-protein binding; protein binding;