

Product datasheet for **CF502259**

SERPINB3 Mouse Monoclonal Antibody [Clone ID: OTI3C2]

Product data:

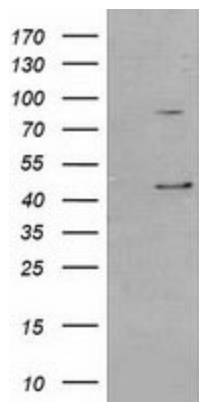
Product Type:	Primary Antibodies
Clone Name:	OTI3C2
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000; IHC 1:150
Reactivity:	Human, Dog, Rat, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SERPINB3 (NP_008850) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44.4 kDa
Gene Name:	serpin family B member 3
Database Link:	NP_008850 Entrez Gene 304688 Rat Entrez Gene 483954 Dog Entrez Gene 701315 Monkey Entrez Gene 6317 Human P29508
Synonyms:	HsT1196; SCC; SCCA-1; SCCA-PD; SCCA1; SSCA1; T4-A



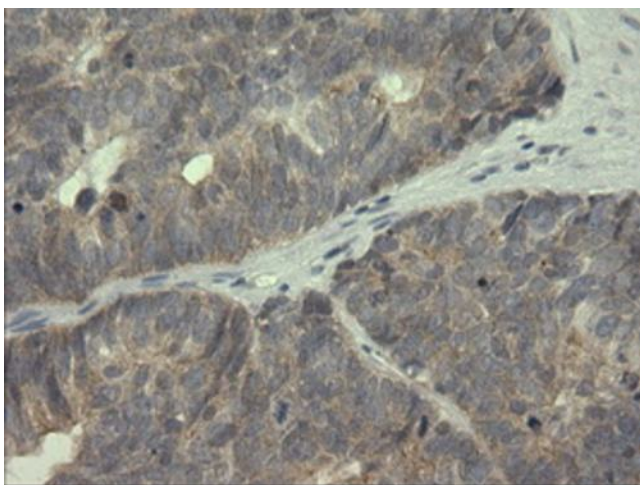
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Protein Families: Druggable Genome, Secreted Protein

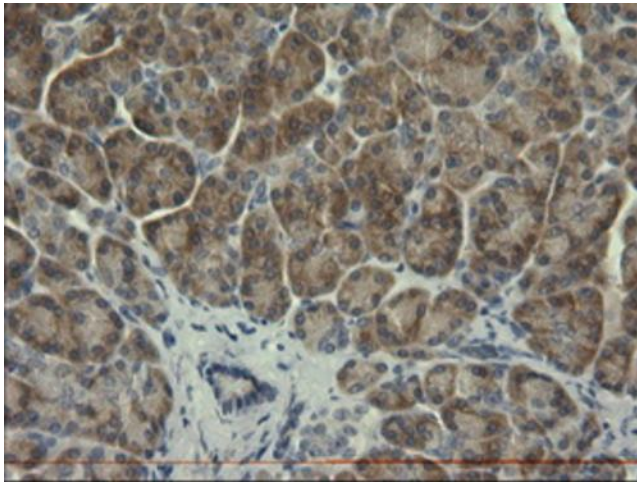
Product images:



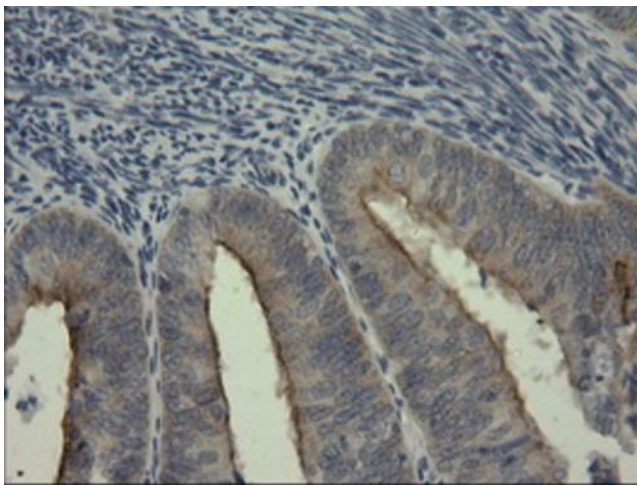
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SERPINB3 ([RC202683], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SERPINB3. Positive lysates [LY416321] (100ug) and [LC416321] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-SERPINB3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502259])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-SERPINB3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502259])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-SERPINB3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502259])

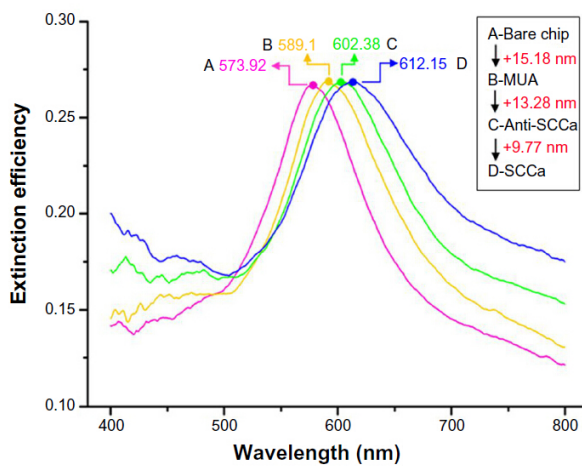


Figure from citation: LSPR spectra for processing steps of immobilization and detection of 100 pM SCCa. (A) Bare silver nanochip, λ_{max} =573.92 nm. (B) Modification of 1 mM MUA, λ_{max} =589.1 nm. (C) Incubation with 10 ug/mL monoclonal anti-SCCa, λ_{max} =602.38 nm. (D) Detection of 100 pm SCCa, λ_{max} =612.15 nm. Note: All spectra were collected at room temperature in air. Abbreviations: LSPR, localized surface plasmon resonance; MUA, 11-mercaptopundecanoic acid; [View Citation](#)