

## Product datasheet for **CF504718**

### **SERPINE2 Mouse Monoclonal Antibody [Clone ID: OTI6F3]**

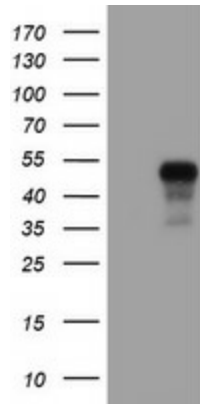
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI6F3
<b>Applications:</b>	FC, IHC, WB
<b>Recommended Dilution:</b>	WB 1:500~2000, IHC 1:150, FLOW 1:100
<b>Reactivity:</b>	Human, Monkey, Mouse
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human SERPINE2(NP_006207) produced in HEK293T cell.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	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)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	41.8 kDa
<b>Gene Name:</b>	serpin family E member 2
<b>Database Link:</b>	<a href="#">NP_006207</a> <a href="#">Entrez Gene 20720 Mouse</a> <a href="#">Entrez Gene 707121 Monkey</a> <a href="#">Entrez Gene 5270 Human P07093</a>
<b>Synonyms:</b>	GDN; GDNPF; PI-7; PI7; PN-1; PN1; PNI
<b>Protein Families:</b>	Druggable Genome, Secreted Protein

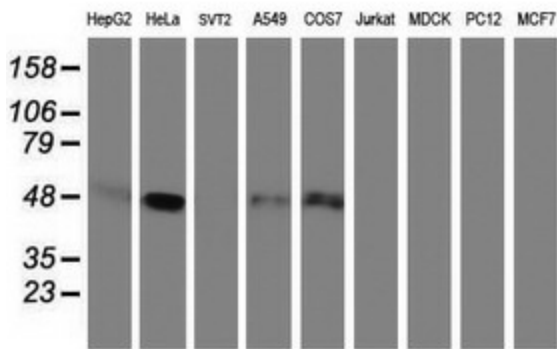


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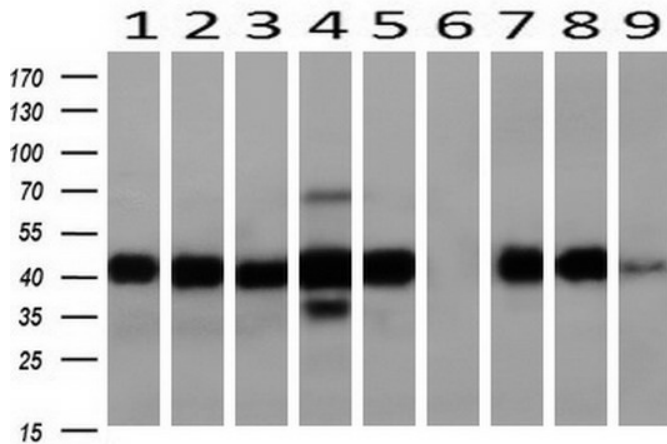
**Product images:**



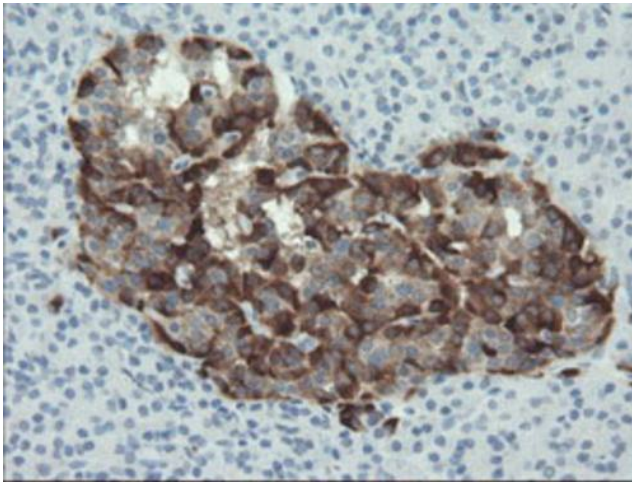
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SERPINE2 ([RC204904], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SERPINE2. Positive lysates [LY416795] (100ug) and [LC416795] (20ug) can be purchased separately from OriGene.



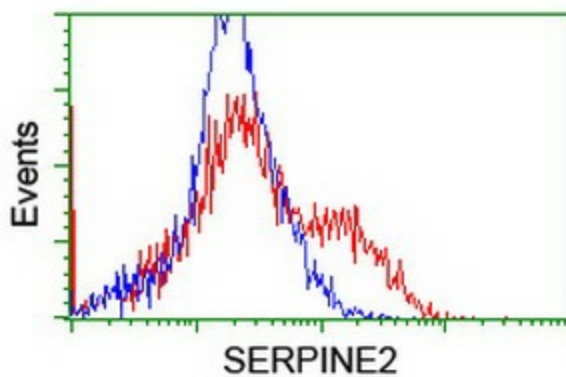
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-SERPINE2 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Western blot analysis of extracts (10ug) from 9 Human tissue by using anti-SERPINE2 monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: Colon).



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-SERPINE2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



HEK293T cells transfected with either [RC204904] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SERPINE2 antibody ([TA504718]), and then analyzed by flow cytometry.