

Product datasheet for **CF506814**

Placental lactogen (CSH1) Mouse Monoclonal Antibody [Clone ID: OT11C9]

Product data:

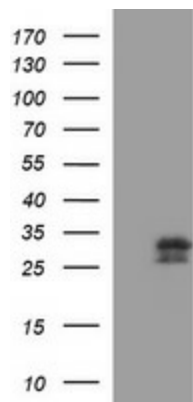
Product Type:	Primary Antibodies
Clone Name:	OT11C9
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:1000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CSH1(NP_072166) produced in HEK293T cell.
Formulation:	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:	28.6 kDa
Gene Name:	chorionic somatomammotropin hormone 1
Database Link:	NP_072166 Entrez Gene 1442 Human PODML2
Synonyms:	CSA; CSH2; CSMT; FLJ75407; PL
Protein Families:	Druggable Genome



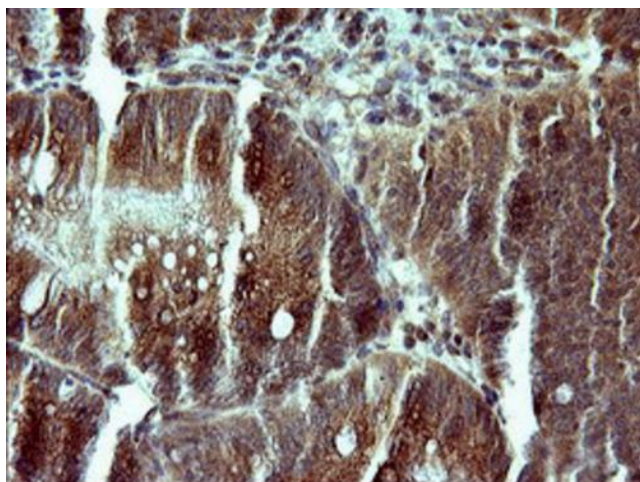
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Protein Pathways: Jak-STAT signaling pathway, Neuroactive ligand-receptor interaction

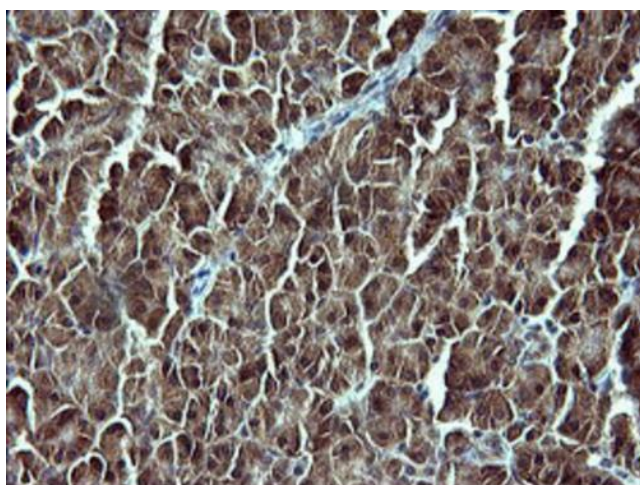
Product images:



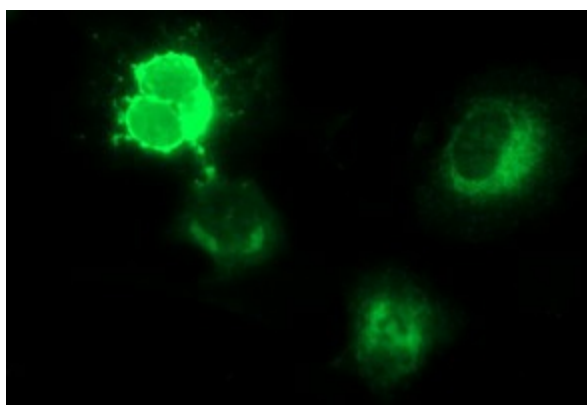
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CSH1 ([RC223244], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CSH1 ([TA506814]). Positive lysates [LY411615] (100ug) and [LC411615] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-CSH1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-CSH1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Anti-CSH1 mouse monoclonal antibody ([TA506814]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CSH1 ([RC223244]).