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Product datasheet for TA504245

C1S Mouse Monoclonal Antibody [Clone ID: OTI5F2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5F2
Applications:	FC, IF, IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human C1S(NP_001725) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.71 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	74.8 kDa
Gene Name:	complement C1s
Database Link:	NP_001725 Entrez Gene 716 Human
Background:	This gene encodes a serine protease, which is a major constituent of the human complement subcomponent C1. C1s associates with two other complement components C1r and C1q in order to yield the first component of the serum complement system. Defects in this gene are the cause of selective C1s deficiency. [provided by RefSeq]
Synonyms:	FLJ44757
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Complement and coagulation cascades, Systemic lupus erythematosus

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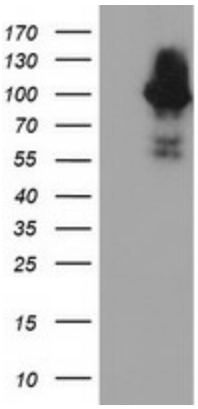
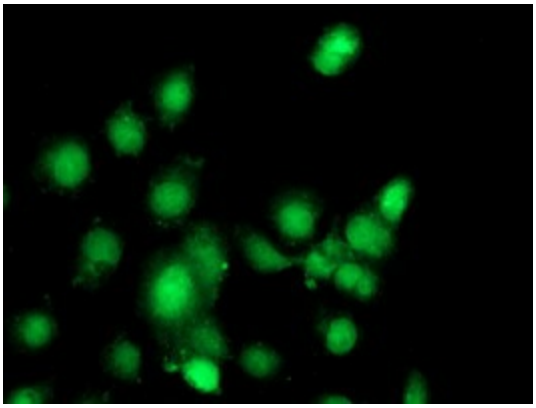
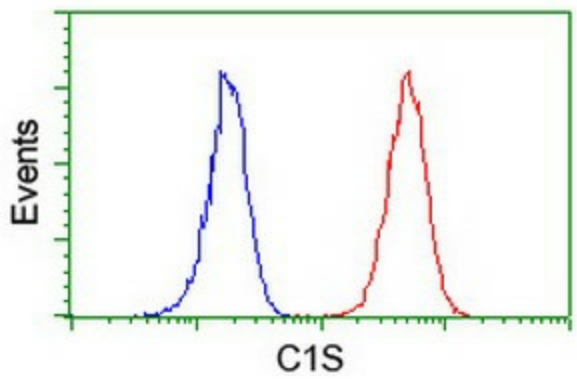
Product images:



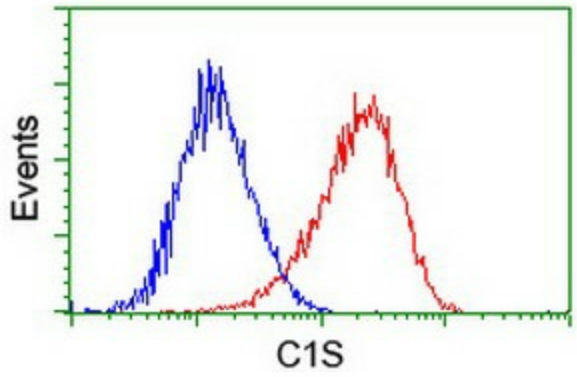
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY C1S ([RC218963], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-C1S. Positive lysates [LY400655] (100ug) and [LC400655] (20ug) can be purchased separately from OriGene.



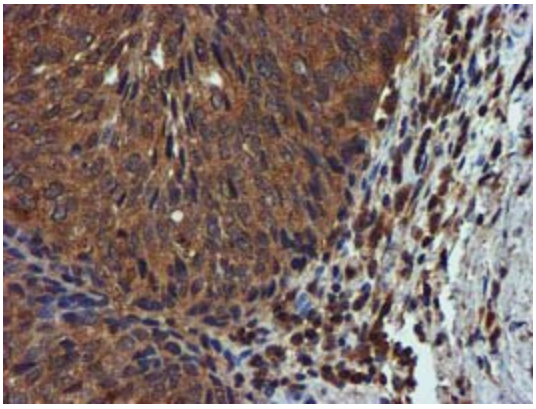
Anti-C1S mouse monoclonal antibody (TA504245) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY C1S ([RC218963]).



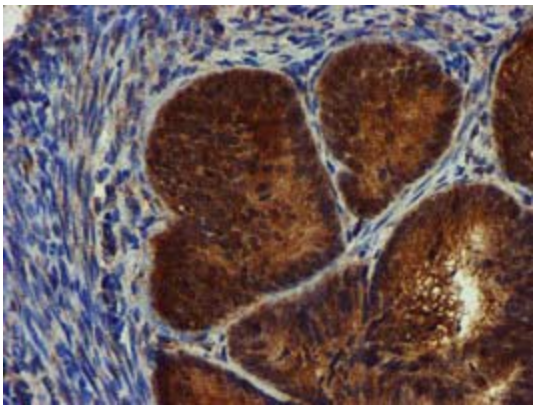
Flow cytometric Analysis of Jurkat cells, using anti-C1S antibody (TA504245), (Red), compared to a nonspecific negative control antibody, (Blue).



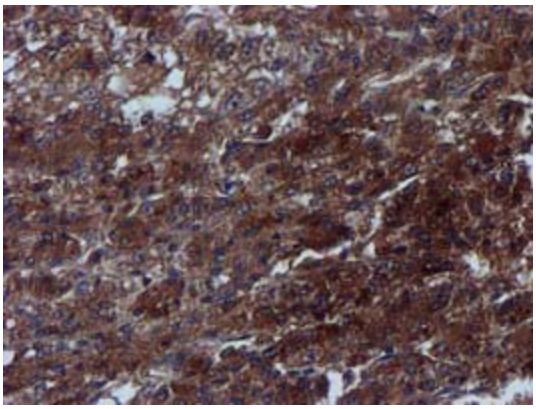
Flow cytometric Analysis of Hela cells, using anti-C1S antibody (TA504245), (Red), compared to a nonspecific negative control antibody, (Blue).



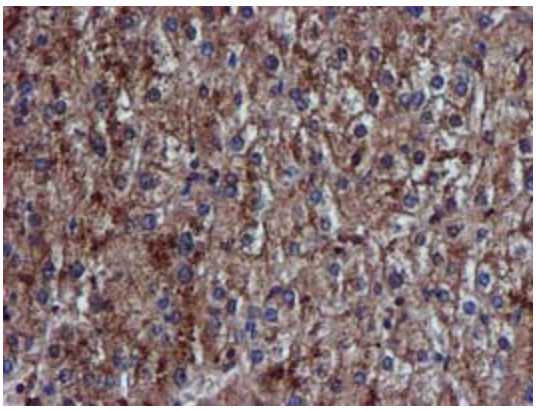
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-C1S mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504245)



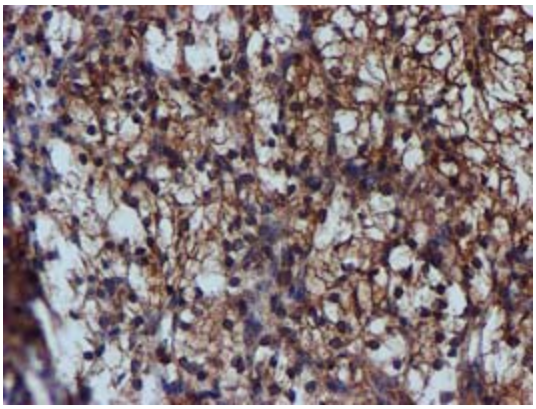
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-C1S mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504245)



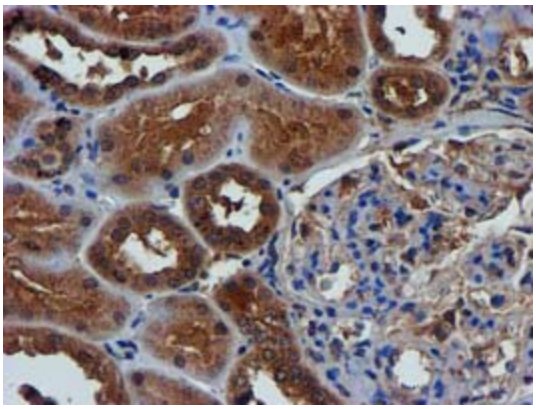
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-C1S mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504245)



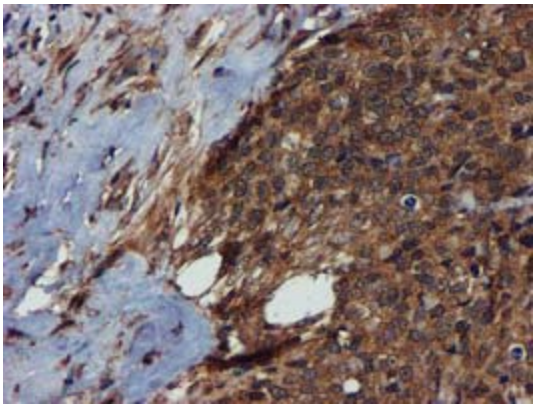
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-C1S mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504245)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-C1S mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504245)



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-C1S mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504245)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-C1S mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504245)