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Product datasheet for TA502554AM

SULT1C2 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI4G1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4G1
Applications:	FC, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SULT1C2 (NP_001047) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34.7 kDa
Gene Name:	sulfotransferase family 1C member 2
Database Link:	NP_001047 Entrez Gene 6819 Human O00338

View online »

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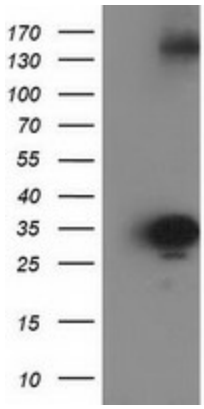
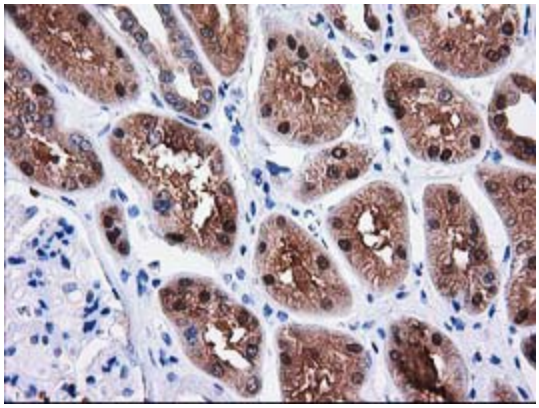
Background: Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. This gene encodes a protein that belongs to the SULT1 subfamily, responsible for transferring a sulfo moiety from PAPS to phenol-containing compounds. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Synonyms: humSULTC2; ST1C1; ST1C2; SULT1C1

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SULT1C2 (Cat# [RC202775], 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-SULT1C2(Cat# [TA502554]). Positive lysates [LY420736] (100ug) and [LC420736] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-SULT1C2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502554])

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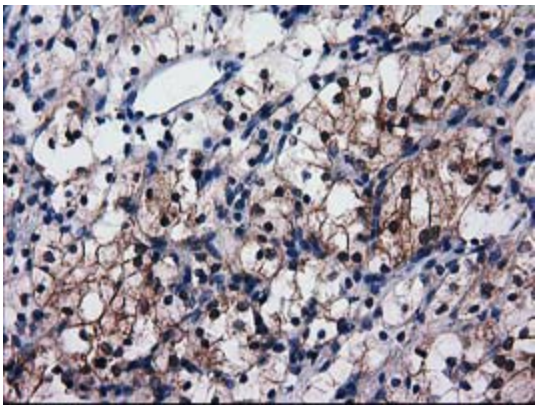
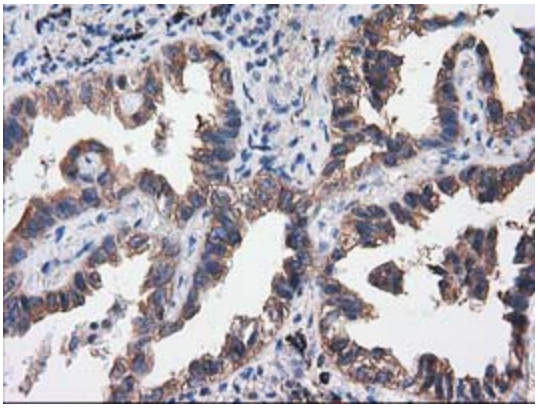
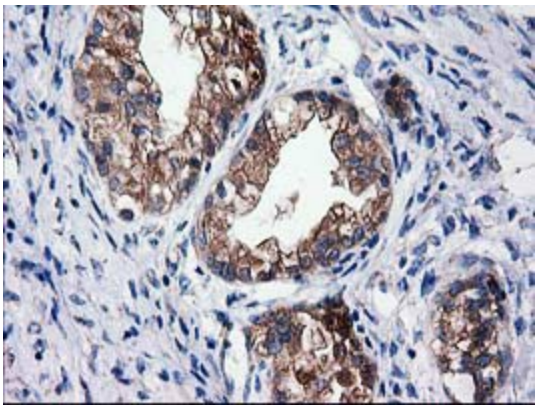


Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-SULT1C2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502554])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-SULT1C2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502554])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-SULT1C2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502554])

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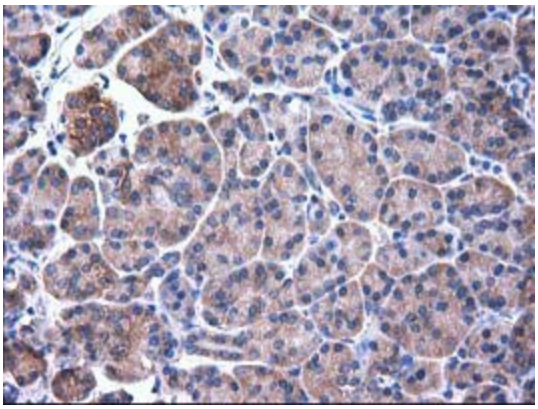
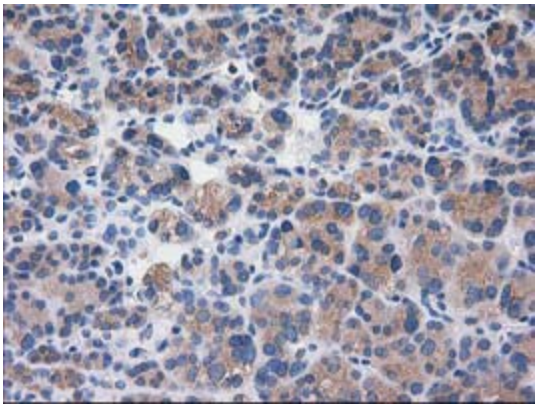
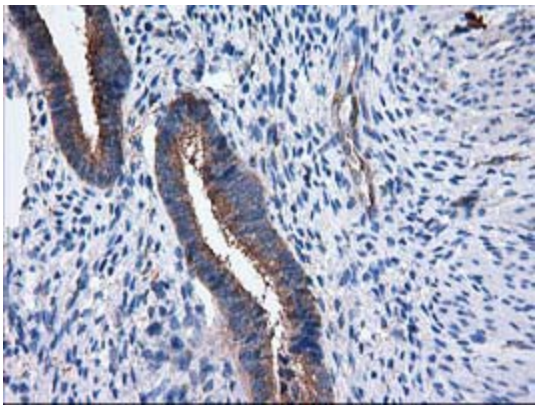


Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-SULT1C2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502554])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-SULT1C2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502554])



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-SULT1C2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502554])

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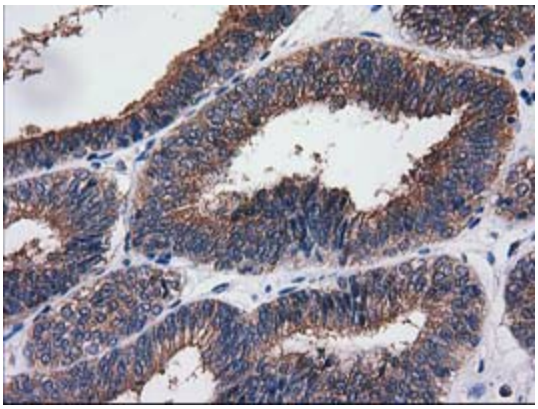
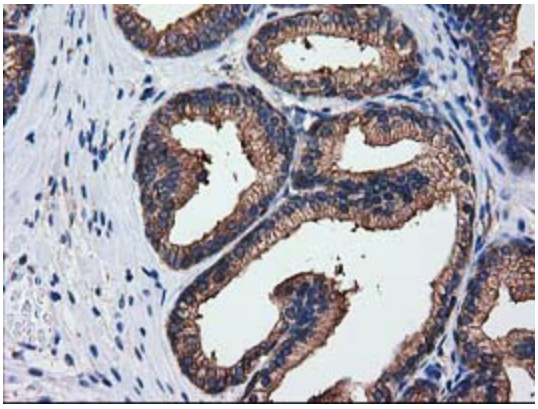
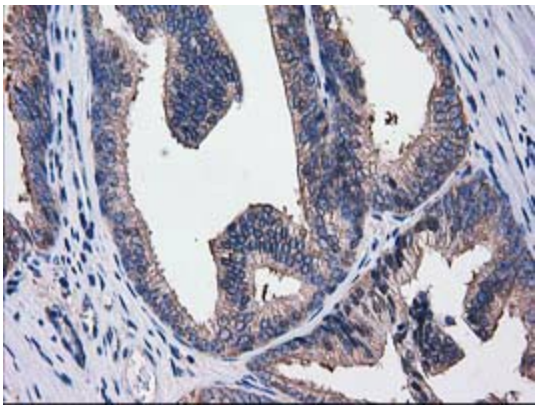


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-SULT1C2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502554])



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-SULT1C2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502554])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-SULT1C2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502554])

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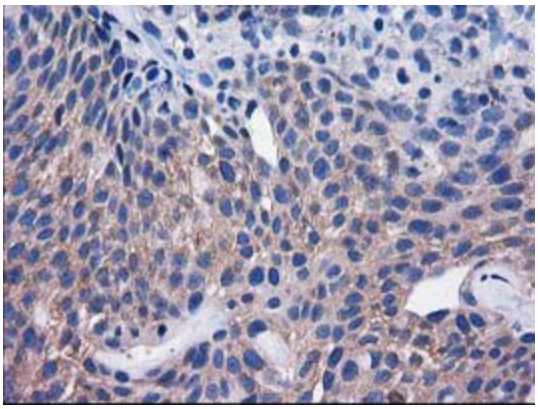
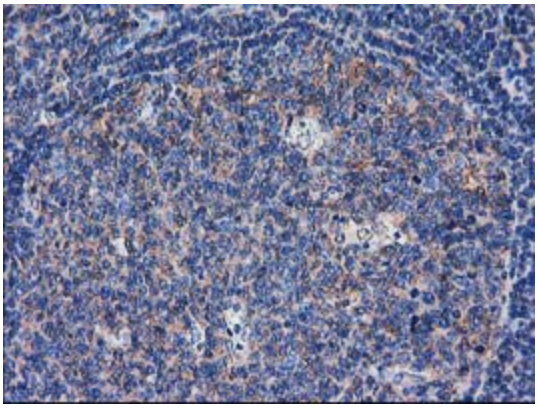
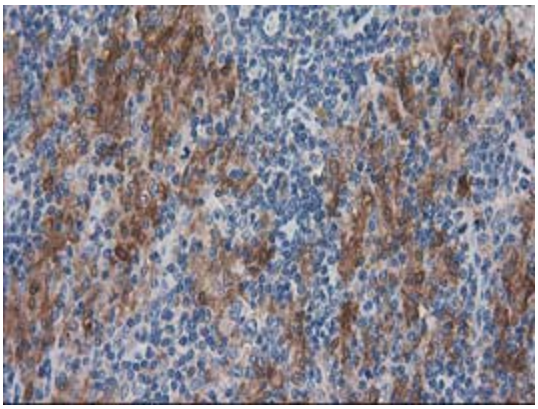


Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-SULT1C2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502554])



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-SULT1C2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502554])



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-SULT1C2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502554])

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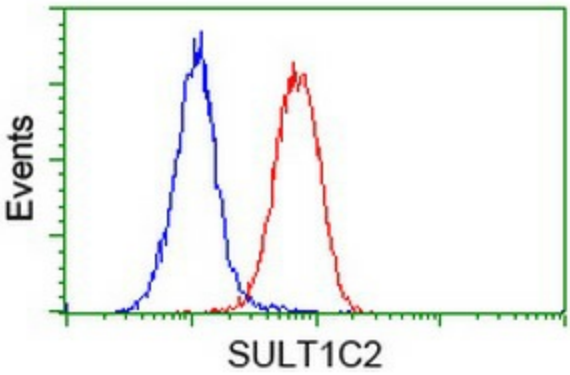
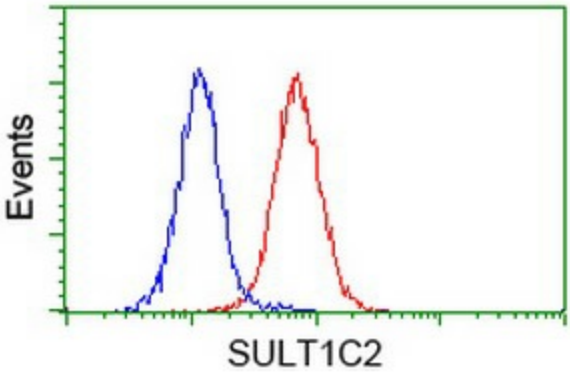


Flow cytometric Analysis of Hela cells, using anti-SULT1C2 antibody ([TA502554]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-SULT1C2 antibody ([TA502554]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).

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