

## Product datasheet for **TA501694BM**

### **SULT2A1 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI4D7]**

#### **Product data:**

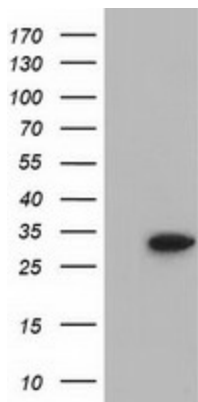
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI4D7
<b>Applications:</b>	FC, IF, WB
<b>Recommended Dilution:</b>	WB 1:1000~2000, IF 1:100, FLOW 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human SULT2A1 (NP_003158) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	HRP
<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>	33.6 kDa
<b>Gene Name:</b>	sulfotransferase family 2A member 1
<b>Database Link:</b>	<a href="#">NP_003158</a> <a href="#">Entrez Gene 6822 Human</a> <a href="#">Q06520</a>
<b>Background:</b>	This gene encodes a member of the sulfotransferase family. Sulfotransferases aid in the metabolism of drugs and endogenous compounds by converting these substances into more hydrophilic water-soluble sulfate conjugates that can be easily excreted. This protein catalyzes the sulfation of steroids and bile acids in the liver and adrenal glands, and may have a role in the inherited adrenal androgen excess in women with polycystic ovary syndrome. [provided by RefSeq]



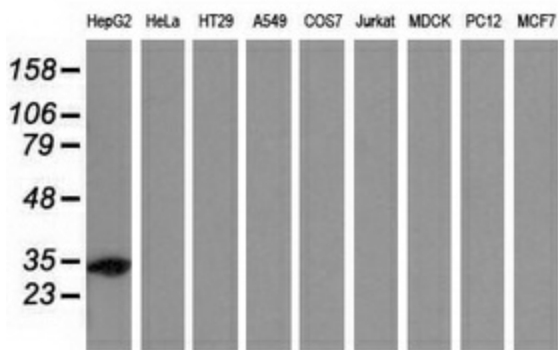
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Synonyms: DHEA-ST; DHEA-ST8; DHEAS; HST; hSTa; ST2; ST2A1; ST2A3; STD; SULT2A3

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SULT2A1 (Cat# [RC204737], 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-SULT2A1 (Cat# [TA501694]). Positive lysates [LY418856] (100ug) and [LC418856] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-SULT2A1 monoclonal antibody.

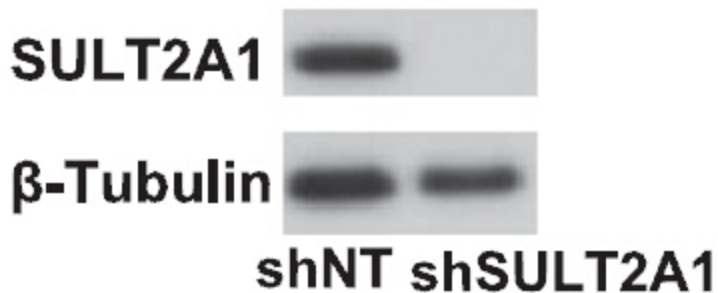
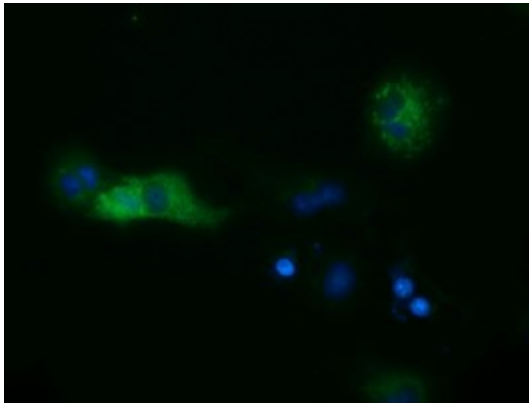
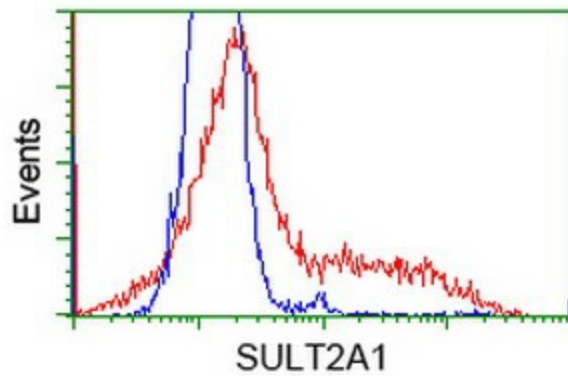


Figure from citation: Western Blot of SULT2A1 protein level by using anti-SULT2A1 antibody in human HepG2 cells. Dilution: 1:5000 [View Citation](#)



Anti-SULT2A1 mouse monoclonal antibody ([TA501694]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SULT2A1 ([RC204737]).



HEK293T cells transfected with either [RC204737] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SULT2A1 antibody ([TA501694]), and then analyzed by flow cytometry.