

Product datasheet for **TA501713AM**

SULT2A1 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1D2]

Product data:

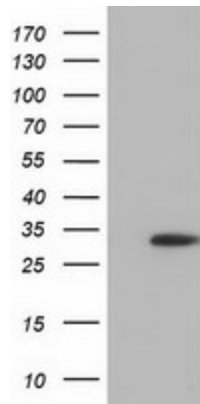
| | |
|--------------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI1D2 |
| Applications: | FC, WB |
| Recommended Dilution: | WB 1:1000~2000, FLOW 1:100 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human SULT2A1 (NP_003158) 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: | 33.6 kDa |
| Gene Name: | sulfotransferase family 2A member 1 |
| Database Link: | NP_003158 Entrez Gene 6822 Human Q06520 |
| Background: | 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] |



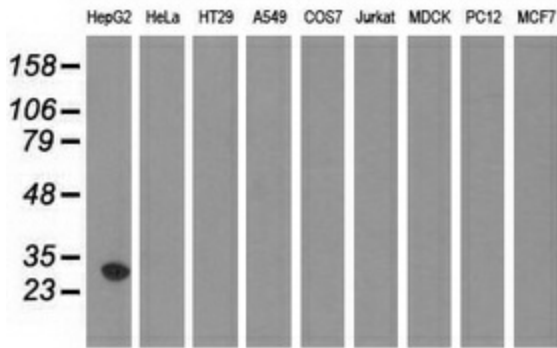
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Synonyms: DHEA-ST; DHEA-ST8; DHEAS; HST; hSTa; ST2; ST2A1; ST2A3; STD; SULT2A3

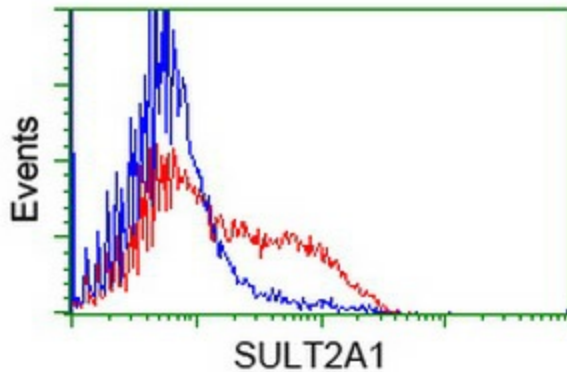
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SULT2A1 ([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. 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.



HEK293T cells transfected with either [RC204737] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SULT2A1 antibody ([TA501713]), and then analyzed by flow cytometry.