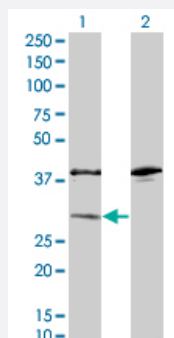


SULT1A1 monoclonal antibody (M01A), clone 1F8

Catalog # H00006817-M01A

Size 200 uL

Applications

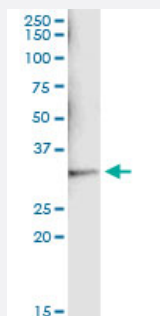


Western Blot (Transfected lysate)

Western Blot analysis of SULT1A1 expression in transfected 293T cell line by SULT1A1 monoclonal antibody (M01A), clone 1F8.

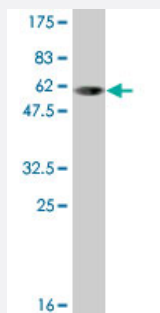
Lane 1: SULT1A1 transfected lysate(33.925 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of SULT1A1 transfected lysate using anti-SULT1A1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SULT1A1 monoclonal antibody.



Western Blot detection against Immunogen (58.19 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant SULT1A1.

Immunogen	SULT1A1 (AAH00923, 1 a.a. ~ 295 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MELIQDTSRPPLEYVKGVPLIKYFAEALGPLQSFQARPDDLSTYPKSGTTWVSQILDMIYQGGDL EKCHRAPIFMRVPFLEFKAPGIPSGMETLKDTPAPRLKTHLPLALLPQTLLDQKVKVYVARNAK DVAVSYYHFYHMAKVHPEPGTWDSFLEKFMVGEVSYGSWYQHVVQEWELSRTHPVLVLYFYED MKENPKREIQKILEFVGHSLEETVDFVQHTSFKEMKKNPMTNYTTPQEFMDHSISPFMRKGM AGDWKTTFTVAQNERFDADYAEKMAGCSLSFRSEL
Host	Mouse
Reactivity	Human
Isotype	IgM kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (58.19 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of SULT1A1 expression in transfected 293T cell line by SULT1A1 monoclonal antibody (M01A), clone 1F8.

Lane 1: SULT1A1 transfected lysate(33.925 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of SULT1A1 transfected lysate using anti-SULT1A1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SULT1A1 monoclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — SULT1A1

Entrez GeneID	6817
GeneBank Accession#	BC000923
Protein Accession#	AAH00923
Gene Name	SULT1A1
Gene Alias	HAST1/HAST2, MGC131921, MGC5163, P-PST, PST, ST1A3, STP, STP1, TSPST1
Gene Description	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1
Omim ID	171150
Gene Ontology	Hyperlink
Gene Summary	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 one of two phenol sulfotransferases with thermostable enzyme activity. Multiple alternatively spliced variants that encode two isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000162569 aryl sulfotransferase phenol-preferring phenol sulfotransferase1 phenol-sulfating phenol sulfotransferase thermostable phenol sulfotransferase1

Publication Reference

- [Steroidogenic enzyme expression in the human fetal liver and potential role in the endocrinology of pregnancy.](#)

O'Shaughnessy PJ, Monteiro A, Bhattacharya S, Fraser MJ, Fowler PA.

Molecular Human Reproduction 2013 Mar; 19(3):177.

Application: WB-Ti, Human, Liver

- [The effect of bamboo extract on hepatic biotransforming enzymes ?V Findings from an obese?Vdiabetic mouse model.](#)

Koide CL, Collier AC, Berry MJ, Panee J.

Journal of Ethnopharmacology 2011 Jan; 133(1):37.

Application: WB-Ti, Mouse, Mouse livers

Pathway

- [Sulfur metabolism](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Asthma](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Cryptorchidism](#)
- [Disease Progression](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)

- [Eye Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hemangioblastoma](#)
- [Hypersensitivity](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Meningioma](#)
- [Mouth Neoplasms](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Pituitary Neoplasms](#)
- [Polycystic Ovary Syndrome](#)

- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Recurrence](#)
- [Respiratory Tract Diseases](#)
- [Seminoma](#)
- [Stomach Neoplasms](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Urologic Neoplasms](#)
- [Uterine Cervical Neoplasms](#)