

SULT1E1 mouse monoclonal antibody (hybridoma)

Catalog # H00006783-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant SULT1E1.
Immunogen	SULT1E1 (AAH27956.1, 1 a.a. ~ 294 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNSELDYYEKFEVHGLMYKDFVKYWDNVEAFQARPDDLVIATYPKSGTTWVSEIVMMYKEGDV EKCKEDVIFNRIPFLECRKENLMNGVKQLDEMNSPRIVKTHLPPELLPASFWEKDCKIYLCRNAK DVAVSFYFFLMVAGHPNPGSLPEFVEKFMQGGQVPYGSWYKHVKSWWEEKGKSPRVLFLFYEDL KEDIRKEVIKLIHFLEKRPSEELVDRIIHHTSFQEMKNNPSTNYTTLTPDEIMNQKLSPFMRKGITGDW KNHFTVALNEKFDKHYEQQMKESTLKFRTET
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SULT1E1

Entrez GeneID [6783](#)

GeneBank Accession# [BC027956.1](#)

Protein Accession# [AAH27956.1](#)

Gene Name SULT1E1

Gene Alias EST, EST-1, MGC34459, STE

Gene Description sulfotransferase family 1E, estrogen-preferring, member 1

Omim ID [600043](#)

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 a protein that transfers a sulfo moiety to and from estrone, which may control levels of estrogen receptors. [provided by RefSeq]

Other Designations estrogen sulfotransferase|estrone sulfotransferase|sulfotransferase, estrogen-preferring

Pathway

- [Androgen and estrogen metabolism](#)
- [Sulfur metabolism](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cryptorchidism](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)

- [Kidney Failure](#)
- [Neoplasms](#)
- [Seminoma](#)
- [Testicular Neoplasms](#)
- [Tobacco Use Disorder](#)