

ARSA mouse monoclonal antibody (hybridoma)

Catalog # H00000410-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ARSA.
Immunogen	ARSA (AAH14210.2, 1 a.a. ~ 507 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGAPRSLLLALAAGLAVARPPNIVLIFADDLGYGDLGCYGHPSSTTPNLDQLAAGGLRFTDFYVPV SLCTPSRAALLTGRLPVRMGMYPGVLPSSRGGLPLEEVTVAEVLAARGYLTGMAGKWHLGVG PEGAFLLPHQGFHRFLGIPYSHDQGPCQNLTCFPPATPCDGGCDQGLVPIPLLANLSVEAQPPW LPGLEARYMAFAHDLMAQAQRQDRPFLLYASHHHTYPQFSGQSFAERSGRGPFGDLSLMELDA AVGTLMTAIGDLGLLEETLVIFTADNGPETMRMSRGGCSGLLRGCGKGTTEGGVREPALAFWPGH IAPGVTHELASSDLLPTLAALAGAPLPNVTLDGFDLSPLLLGTGKSPRQSLFFYPSYPDEVRGVF AVRSGKYKAHFFTQGSASDSTADPACHASSSLTAHEPPLLYDLSKDPGENYNLLGGVAGATPE VLQALKQLQLLKAQLDAAVTFGPSQVARGEDPALQICHPGCTPRPACCHCPDPHA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (86)
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 — ARSA

Entrez GeneID [410](#)

GeneBank Accession# [BC014210.2](#)

Protein Accession# [AAH14210.2](#)

Gene Name ARSA

Gene Alias MLD

Gene Description arylsulfatase A

Omim ID [250100 607574](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene hydrolyzes cerebroside sulfate to cerebroside and sulfate. Defects in this gene lead to metachromatic leucodystrophy (MLD), a progressive demyelination disease which results in a variety of neurological symptoms and ultimately death. Multiple alternatively spliced transcript variants, one of which encodes a distinct protein, have been described for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000196546|OTTHUMP00000196548

Pathway

- [Lysosome](#)
- [Sphingolipid metabolism](#)

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)

- [Down Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lead Poisoning](#)
- [Leukodystrophy](#)