

RDH13 mouse monoclonal antibody (hybridoma)

Catalog # H00112724-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant RDH13.
Immunogen	RDH13 (NP_612421.1, 1 a.a. ~ 260 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEKCEAAAKDIRGETLNHHVNARHLDLASLKSIREFAAKIIIEEERVDLINNAGVMRCPHWTTEDG FEMQFGVNHLLGHFLLTNLLLDKLKASAPSRRIINLSSLAHVAGHIDFDDLNWQTRKYNTKAAYCQSK LAMLFTKELSRRLQGSGVTVNALHPGVARTELGRHTGIHGSTFSSTTLGPIFWLLVKSPELAAQPS TYLAVAEELADVSGKYFDGLKQKAPAPEAEDEEVARRLWAESARLVGLEAPSVREQPLPR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (87)
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 — RDH13

Entrez GeneID [112724](#)**GeneBank Accession#** [NM_138412.2](#)**Protein Accession#** [NP_612421.1](#)**Gene Name** RDH13**Gene Alias** SDR7C3**Gene Description** retinol dehydrogenase 13 (all-trans/9-cis)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a mitochondrial short-chain dehydrogenase/reductase, which catalyzes the reduction and oxidation of retinoids. The encoded enzyme may function in retinoic acid production and may also protect the mitochondria against oxidative stress. Alternatively spliced transcript variants have been described. [provided by RefSeq]

Other Designations retinol dehydrogenase 13|retinol dehydrogenase 13 (all-trans and 9-cis)|short chain dehydrogenase/reductase family 7C, member 3