

ADHFE1 mouse monoclonal antibody (hybridoma)

Catalog # H00137872-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ADHFE1.
Immunogen	ADHFE1 (NP_653251.1, 1 a.a. ~ 419 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAVSNI RYGA AVTKEVGMDLKNMGAKNVCLMTDKNLSKLPPVQVAMDSL VKNGIPFTVYDNVRV EPTDSSFME AIEFAQKGAFDAYVAVGGGSTMDTCKAANLYASSPHSDFLDYVSAPIGKGKPVSV PLKPLIAVPTTSGTGSETTGVAIFDY EHLKVKIGITSRAIKPTLGLIDPLHLHMPARVVANS GFDVLC HALESYTTLPYHLRSPCPSNPITRPAYQGSNPISDWAIHALRVAKYLKRAVRNPDDLEARSHMHLA SAFAGIGFGNAGVHLC HGMSYPISGLVKMYKAKDYNVDHPLVPHGLSVVLTSPAVFTFTAQMFPE RHLEMAEILGADTRTARIQDAGLV LADTLRKFLFDLDVDDGLAAVGYSKADIPALVKGTL PQERV KLAPRPQSEEDLAALFEASMKLY
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 — ADHFE1

Entrez GeneID [137872](#)**GeneBank Accession#** [NM_144650.1](#)**Protein Accession#** [NP_653251.1](#)**Gene Name** ADHFE1**Gene Alias** ADH8, FLJ32430, HMFT2263, HOT, MGC48605**Gene Description** alcohol dehydrogenase, iron containing, 1**Omim ID** [611083](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The ADHFE1 gene encodes hydroxyacid-oxoacid transhydrogenase (EC 1.1.99.24), which is responsible for the oxidation of 4-hydroxybutyrate in mammalian tissues (Kardon et al., 2006 [PubMed 16616524]).[supplied by OMIM]

Other Designations Fe-containing alcohol dehydrogenase 1|alcohol dehydrogenase 8|hydroxyacid-oxoacid transhydrogenase