

CA13 mouse monoclonal antibody (hybridoma)

Catalog # H00377677-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant CA13.
Immunogen	CA13 (NP_940986.1, 1 a.a. ~ 262 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSRLSWGYYREHNGPIHWKEFFPIADGDQQSPIEIKTKEVKYDSSLRPLSIKYDPSSAKIISNSGHSEF NVDFDDTENKSVLRGGPLTGSYRLRQVHLHWGSADDHGSEHVDGVSYYAAELHVVHWNSDKYP SFVEAAHEPDGLAVLGVFLQIGEPNSQLQKITDTLDSIKEKGKQTRFTNFDLLSLLPPSWDYWTYP GSLTVPPLLSVTWMLKQPINISSQQLAKFRSLLCTAEGEAAFLVSNHRPPQPLKGRKVRASFH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (92)
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 — CA13

Entrez GeneID	377677
GeneBank Accession#	NM_198584.1
Protein Accession#	NP_940986.1
Gene Name	CA13
Gene Alias	CAXIII, FLJ37995, MGC59868
Gene Description	carbonic anhydrase XIII
Omim ID	611436
Gene Ontology	Hyperlink
Gene Summary	Carbonic anhydrases (CAs) are a family of zinc metalloenzymes. For background information on the CA family, see MIM 114800.[supplied by OMIM]
Other Designations	carbonic anhydrase 13

Pathway

- [Nitrogen metabolism](#)