

PTGR2 mouse monoclonal antibody (hybridoma)

Catalog # H00145482-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PTGR2.
Immunogen	PTGR2 (NP_689657.1, 1 a.a. ~ 351 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MIVQRVVLNSRPGKNGNPVAENFRMEEVYLPDNINEGQVQVRTL YLSVDPYMRCRMNEDTGTDYI TPWQLSQVVDGGGIGIIEESKHTNLTKGDFVTSFYWPWQTKVILDGNSLEKVDPQLVDGHL SYFLG AIGMPGLTSLIGIQEKGHITAGSNKTMVVSGAAGACGSVAGQIGHFLGCSR VVGICGTHEKCILLTS ELGFDAAINYKKNVAEQLRESCPAGVDVYFDNVGGNISDTVISQMNENSHIILCGQISQYNKDVPY PPPLSPAIEAIQKERNITRERFLVLNYKDKFEPGILQLSQWFKEGKLIKETVINGLENMGA AFQSM MTGGNIGKQIVCISEEISL
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 — PTGR2

Entrez GeneID [145482](#)**GeneBank Accession#** [NM_152444.1](#)**Protein Accession#** [NP_689657.1](#)**Gene Name** PTGR2**Gene Alias** DKFZp686P10120, FLJ39091, PGR-2, PGR2, PTRG2, ZADH1**Gene Description** prostaglandin reductase 2**Omim ID** [608642](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes an enzyme involved in the metabolism of prostaglandins. The encoded protein catalyzes the NADPH-dependent conversion of 15-keto-prostaglandin E2 to 15-keto-13,14-dihydro-prostaglandin E2. This protein may also be involved in regulating activation of the peroxisome proliferator-activated receptor. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations 15-oxoprostaglandin-delta13-reductase|zinc binding alcohol dehydrogenase domain containing 1| zinc binding alcohol dehydrogenase, domain containing 1