



# Mouse Anti-human PGR monoclonal antibody, clone 5F0 (DMABT-H12534)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                              |                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>      | Mouse Anti-PGR Monoclonal Antibody                                                                               |
| <b>Target</b>                | PTGR1                                                                                                            |
| <b>Immunogen</b>             | PGR (NP_000917,2a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.     |
| <b>Isotype</b>               | IgG1                                                                                                             |
| <b>Source/Host</b>           | Mouse                                                                                                            |
| <b>Species Reactivity</b>    | Human, Rat                                                                                                       |
| <b>Clone</b>                 | 5F0                                                                                                              |
| <b>Conjugate</b>             | Unconjugated                                                                                                     |
| <b>Applications</b>          | WB, IHC, IF, sELISA, ELISA                                                                                       |
| <b>Sequence Similarities</b> | MTELKAKGPRAPHVAGGPPSPEVGSPLLCRPAAGPFGSQTSDTLPEVSAIPISLDGLLF<br>PRPCQGQDPSDEKTQDQQLSDVEGAYSRAEATRGAGGSSSSPPEKDSSL |
| <b>Size</b>                  | 100 µg                                                                                                           |
| <b>Buffer</b>                | In 1x PBS, pH 7.2                                                                                                |
| <b>Preservative</b>          | None                                                                                                             |
| <b>Storage</b>               | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                         |

## GENE INFORMATION

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | <a href="#">PTGR1 prostaglandin reductase2[ Homo sapiens ]</a>                                                                                                                                                                                                                                                              |
| <b>Official Symbol</b>     | PTGR1                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>            | PTGR1; prostaglandin reductase 1; leukotriene B4 12 hydroxydehydrogenase , LTB4DH; ZADH3; zinc binding alcohol dehydrogenase domain containing 3; PRG-1; 15-oxoprostaglandin 13-reductase; leukotriene B4 12-hydroxydehydrogenase; NADP-dependent leukotriene B4 12-hydroxydehydrogenase; PGR1; LTB4DH; FLJ99229; MGC34943; |
| <b>Entrez Gene ID</b>      | <a href="#">22949</a>                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | <a href="#">NP_001139580</a>                                                                                                                                                                                                                                                                                                |
| <b>UniProt ID</b>          | <a href="#">Q14914</a>                                                                                                                                                                                                                                                                                                      |
| <b>Chromosome Location</b> | 9q32                                                                                                                                                                                                                                                                                                                        |
| <b>Function</b>            | 15-oxoprostaglandin 13-oxidase activity; 2-alkenal reductase [NAD(P)] activity; alcohol dehydrogenase (NAD) activity; nucleotide binding; oxidoreductase activity; zinc ion binding;                                                                                                                                        |