

Datasheet

MGST2 monoclonal antibody (M01A), clone 1D11

Catalog Number: H00004258-M01A

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant MGST2.

Clone Name: 1D11

Immunogen: MGST2 (AAH25416, 1 a.a. ~ 147 a.a)
full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MAGNSILLAAVSILSACQQSYFALQVGKARLKYKVTPP
AVTGSPEFERVFRAQQNCVEFYPIFITLWMAGWYFN
QVFATCLGLVYIYGRHLYFWGYSEAAKKRITGFRLSLG
ILALLTLLGALGIANSFLDEYLDLNIKKLRRQF

Host: Mouse

Reactivity: Human

Applications: ELISA, IP

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2b Kappa

Storage Buffer: In ascites fluid

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4258

Gene Symbol: MGST2

Gene Alias: FLJ27438, GST2, MGC14097, MGST-II

Gene Summary: The MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) family consists of six human proteins, several of which

are involved in the production of leukotrienes and prostaglandin E, important mediators of inflammation. This gene encodes a protein which catalyzes the conjugation of leukotriene A4 and reduced glutathione to produce leukotriene C4. [provided by RefSeq]

References:

1. Increased Leukotriene C4 Synthesis Accompanied Enhanced Leukotriene C4 Synthase Expression and Activities of Ischemia-Reperfusion-Injured Liver in Rats. Yang SL, Huang X, Chen HF, Xu D, Chen LJ, Kong Y, Lou YJ. J Surg Res. 2007 Jun 1;140(1):36-44. Epub 2007 Mar 30.
2. Sodium nitroprusside decreased leukotriene C4 generation by inhibiting leukotriene C4 synthase expression and activity in hepatic ischemia-reperfusion injured rats. Yang SL, Lou YJ. Biochem Pharmacol. 2007 Mar 1;73(5):724-35. Epub 2006 Nov 18.