



MGST2 Monoclonal Antibody

Catalog No	YP-mAb-03956
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MGST2
Immunogen	Synthesized peptide derived from MGST2 . at AA range: 370-450
Specificity	MGST2 Monoclonal Antibody detects endogenous levels of MGST2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Microsomal GST II;Microsomal GST 2;MGST II;GST2;MGST2;Microsomal glutathione S-transferase 2;Microsomal GST-2;Microsomal GST-II
Observed Band	17kD
Calculated Molecular Weight	17kD
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Microsome membrane ; Multi-pass membrane protein .
Tissue Specificity	Liver, spleen, skeletal muscle, heart, adrenals, pancreas, prostate, testis, fetal liver, and fetal spleen. Very low expression in lung, brain, placenta and bone marrow (PubMed:8703034). Abundantly expressed in human umbilical vein endothelial cells (at protein level) (PubMed:11322876).
Function	catalytic activity:RX + glutathione = HX + R-S-glutathione.,function:Can catalyze the production of LTC4 from LTA4 and reduced glutathione. Can catalyze the conjugation of 1-chloro-2,4-dinitrobenzene with reduced glutathione., similarity:Belongs to the MAPEG family.,subunit:Homotrimer.,tissue specificity:Liver, spleen, skeletal muscle, heart, adrenals, pancreas, prostate, testis, fetal liver, and fetal spleen. Very low expression in lung, brain, placenta and bone marrow.,



Background

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. Alternatively spliced transcript variants encoding different isoforms have been identified in this gene. [provided by RefSeq, Feb 2011],

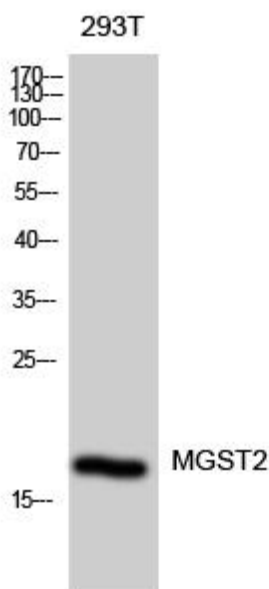
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using MGST2 Monoclonal Antibody