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anti-MGST2 antibody (C-Term)





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Quantity:	400 μL
Target:	MGST2
Binding Specificity:	AA 117-147, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGST2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This MGST2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 117-147 amino acids from the C-terminal region of human MGST2.
Clone:	RB17141
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	MGST2
Alternative Name:	MGST2 (MGST2 Products)

Target Details

Storage Comment:

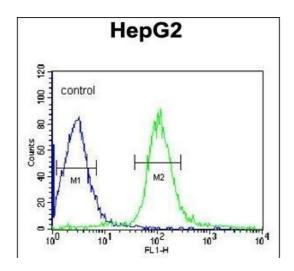
Expiry Date:

l arget Details	
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. MGST2 is a protein which catalyzes the conjugation of leukotriene A4 and reduced glutathione to produce leukotriene C4.
Molecular Weight:	16621
Gene ID:	4258
NCBI Accession:	NP_001191295, NP_001191297, NP_002404
UniProt:	Q99735
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

aliquots to prevent freeze-thaw cycles.

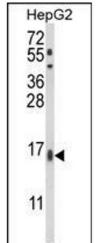
6 months

Maintain refrigerated at 2-8 $^{\circ}\text{C}$ for up to 6 months. For long term storage store at -20 $^{\circ}\text{C}$ in small



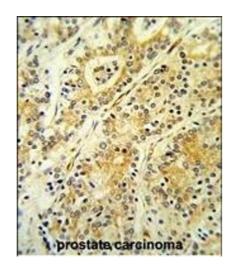
Flow Cytometry

Image 1. MGST2 Antibody (C-term) (ABIN652824 and ABIN2842536) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of MGST2 Antibody (C-term) (ABIN652824 and ABIN2842536) in HepG2 cell line lysates (35 μ g/lane). MGST2 (arrow) was detected using the purified Pab.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with MGST2 Antibody (Cterm), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.