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anti-GSTK1 antibody (AA 93-120)

3 Images

Overview

Purification:



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Quantity:	400 μL
Target:	GSTK1
Binding Specificity:	AA 93-120
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSTK1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This GSTK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-120 amino acids from the Central region of human GSTK1.
Clone:	RB23190
Isotype:	Ig Fraction

Target Details	
Target:	GSTK1
Alternative Name:	GSTK1 (GSTK1 Products)

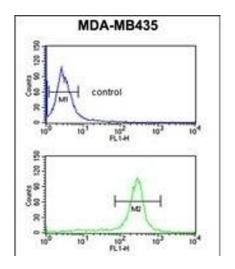
This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Expiry Date:

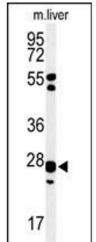
6 months

raiget Details	
Background:	GSTK1 encodes a member of the kappa class of the glutathione transferase superfamily of enzymes that function in cellular detoxification. The encoded protein is localized to the peroxisome and catalyzes the conjugation of glutathione to a wide range of hydrophobic substates facilitating the removal of these compounds from cells. Alternative splicing results in multiple transcript variants.
Molecular Weight:	25497
Gene ID:	373156
NCBI Accession:	NP_001137151, NP_001137152, NP_001137153, NP_057001
UniProt:	Q9Y2Q3
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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.



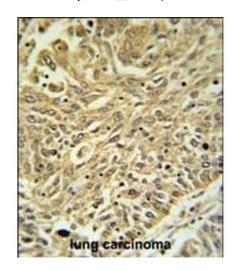
Flow Cytometry

Image 1. GSTK1 Antibody (Center) (ABIN653824 and ABIN2843092) flow cytometric analysis of MDA-M cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of GSTK1 Antibody (Center) (ABIN653824 and ABIN2843092) in mouse liver tissue lysates (35 μ g/lane). GSTK1 (arrow) was detected using the purified Pab.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. GSTK1 Antibody (Center) (ABIN653824 and ABIN2843092) IHC analysis in formalin fixed and paraffin embedded lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GSTK1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.