

Datasheet for ABIN952642
anti-GSTK1 antibody (Middle Region)

3 Images

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Overview

Quantity:	0.4 mL
Target:	GSTK1
Binding Specificity:	AA 99-128, Middle Region
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:	KLH conjugated synthetic peptide between 99~128 amino acids from the Central region of Human GSTK1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse GSTK1 (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	GSTK1
Alternative Name:	GSTK1 (GSTK1 Products)

Target Details

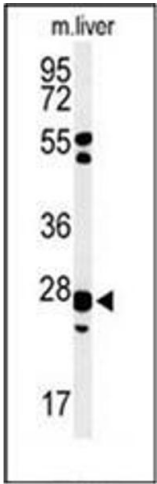
Background:	GSTK1 encodes a member of the kappa class of the glutathione transferase superfamily of enzymes that function in cellular detoxification. The encoded protein is localized to the peroxisome and catalyzes the conjugation of glutathione to a wide range of hydrophobic substrates facilitating the removal of these compounds from cells. Alternative splicing results in multiple transcript variants.Synonyms: GST 13-13, GST class-kappa, GSTK1-1, Glutathione S-transferase kappa 1, Glutathione S-transferase subunit 13
Molecular Weight:	25497 Da
Gene ID:	373156
NCBI Accession:	NP_001137151

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

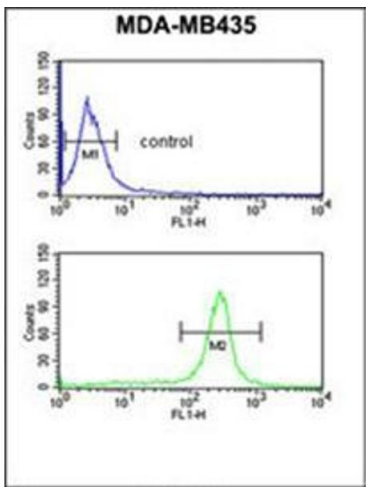
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



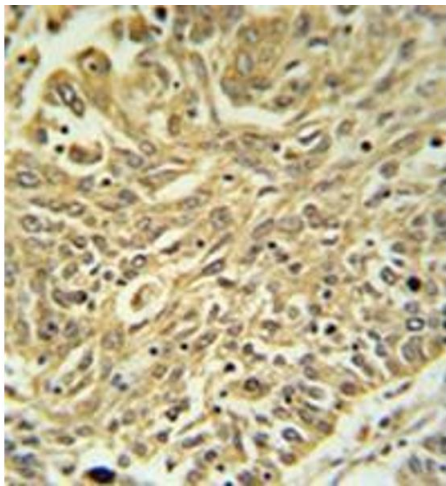
Western Blotting

Image 1. Western blot analysis of GSTK1 Antibody (Center) in mouse liver tissue lysates (35ug/lane). GSTK1 (arrow) was detected using the purified Pab.



Flow Cytometry

Image 2. Flow cytometric analysis of MDA-MB435 cells using GSTK1 Antibody (Center) Cat.-No AP51966PU-N (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry analysis in formalin fixed and paraffin embedded lung carcinoma reacted with GSTK1 Antibody (Center) followed by peroxidase conjugation of the secondary antibody and DAB staining.