
Product Name: KD-Validated GSTK1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00496**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; FC 1:100-1:1,000
Molecular Weight	Calculated MW: 25.5kDa

Antigen Information

Gene Name	GSTK1 GSTK1; Glutathione S-Transferase Kappa 1; GST13; GST Class-Kappa; GST 13-13; GSTK1-1;
Alternative Names	HGSTK1; Glutathione S-Transferase Subunit 13 Homolog; Glutathione S-Transferase Subunit 13; Glutathione S-Transferase K1; EC 2.5.1.18; GST13-13; GST
Gene ID	373156.0
SwissProt ID	Q9Y2Q3
Immunogen	A synthesized peptide derived from human Glutathione S Transferase kappa 1

Background

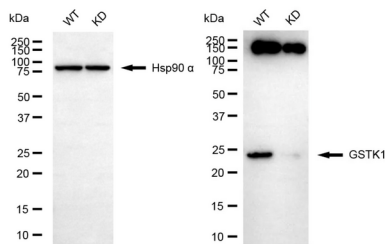
This gene encodes a member of the kappa class of the glutathione transferase superfamily of enzymes that function in cellular detoxification. The encoded protein is localized to the peroxisome and catalyzes the conjugation of glutathione to a wide range

of hydrophobic substrates facilitating the removal of these compounds from cells. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jan 2009]

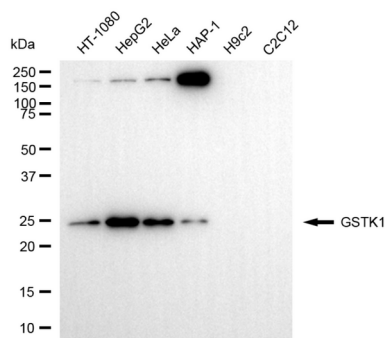
Research Area

Cancer

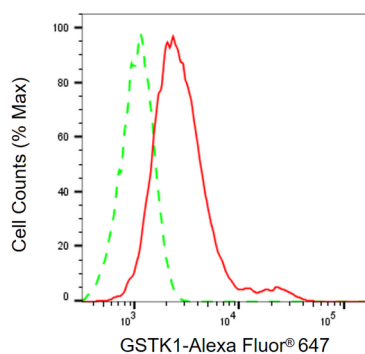
Image Data



Western blotting analysis using GSTK1 antibody (KVA00496). GSTK1 expression in wild-type (WT) and GSTK1 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with GSTK1 antibody (KVA00496, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using GSTK1 antibody (KVA00496). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with GSTK1 antibody (KVA00496, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of GSTK1 expression in HepG2 cells using GSTK1 antibody (KVA00496, 1:1,000). Green, isotype control; red, GSTK1.