

ARG45893 anti-GSTK1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GSTK1
Tested Reactivity	Ms, Rat
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GSTK1
Species	Mouse
Immunogen	Recombinant protein containing to mouse GSTK1.
Conjugation	Un-conjugated
Alternate Names	Glutathione S-transferase kappa 1; hGSTK1; GST; GST class-kappa; GST13-13; EC 2.5.1.18; Glutathione S-transferase subunit 13; GST13; GST 13-13; GSTK1-1

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	WB	0.25-0.5 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size 26 kDa

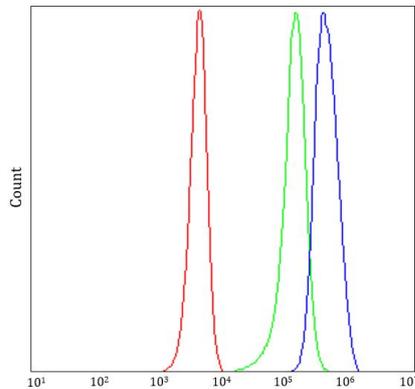
Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -22°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

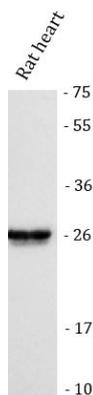
Gene Symbol	GSTK1
Gene Full Name	Glutathione S-Transferase Kappa 1
Background	This gene encodes a member of the kappa class of the glutathione transferase superfamily of enzymes that function in cellular detoxification. The encoded protein is localized to the peroxisome and catalyzes the conjugation of glutathione to a wide range of hydrophobic substates facilitating the removal of these compounds from cells. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jan 2009]
Function	Glutathione S-transferase that catalyzes the conjugation of glutathione to exogenous and endogenous compounds. [UniProt]
Calculated Mw	26 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Mitochondrion. [UniProt]

Images



ARG45893 anti-GSTK1 antibody FACS image

Flow Cytometry: HEPA1-6 stained with ARG45893 anti-GSTK1 antibody at 1 $\mu\text{g}/10^6$ cells dilution.



ARG45893 anti-GSTK1 antibody WB image

Western blot: Rat heart stained with ARG45893 anti-GSTK1 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.

ARG45893 anti-GSTK1 antibody WB image

Western blot: Mouse heart stained with ARG45893 anti-GSTK1 antibody at 0.5 µg/ml dilution.

