GSTK1 rabbit monoclonal antibody

Catalog # H00373156-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GSTK1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GSTK1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human GSTK1 peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — GSTK1

Entrez GeneID	373156
GeneBank Accession#	GSTK1
Gene Name	GSTK1
Gene Alias	GST, GST13, GST13-13, GSTK1-1
Gene Description	glutathione S-transferase kappa 1
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the kappa class of the glutathione transferase superfamily of enz ymes that function in cellular detoxification. The encoded protein is localized to the peroxisome an d 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
Other Designations	GST class-kappa|glutathione S-transferase k1|glutathione S-transferase subunit 13 homolog

Pathway

- Drug metabolism - cytochrome P450
- Glutathione metabolism
- Metabolism of xenobiotics by cytochrome P450

Disease

- Alzheimer disease
- Cognition
- Diabetes Mellitus
- Insulin Resistance
- Obesity