GSTA5 rabbit monoclonal antibody

Catalog # H00221357-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GSTA5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GSTA5 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 GSTA5 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 — GSTA5

Entrez GeneID	221357
GeneBank Accession#	GSTA5
Gene Name	GSTA5
Gene Alias	-
Gene Description	glutathione S-transferase alpha 5
Omim ID	607605
Gene Ontology	Hyperlink
Gene Summary	The glutathione S-transferases (GST; EC 2.5.1.18) catalyze the conjugation of reduced glutathion es and a variety of electrophiles, including many known carcinogens and mutagens. The cytosolic GSTs belong to a large superfamily, with members located on different chromosomes. For additi onal information on GSTs, see GSTA1 (MIM 138359).[supplied by OMIM
Other Designations	OTTHUMP00000016610|glutathione S-transferase A5|glutathione transferase A5

Pathway

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

Disease

- Alzheimer disease
- Cognition
- Kidney Failure
- Lung Neoplasms