

GSTT2 rabbit monoclonal antibody

Catalog # H00002953-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GSTT2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GSTT2 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 GSTT2 peptide by ELISA and mammalian transfected lysate by Western 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 including 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 — GSTT2

Entrez GeneID [2953](#)

GeneBank Accession# [GSTT2](#)

Gene Name GSTT2

Gene Alias MGC182032

Gene Description glutathione S-transferase theta 2

Omim ID [600437](#)

Gene Ontology [Hyperlink](#)

Gene Summary Glutathione S-transferase (GSTs) theta 2 (GSTT2) is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: Alpha, Mu, Pi, Theta, and Zeta. The theta class members GSTT1 and GSTT2 share 55% amino acid sequence identity and both are thought to have an important role in human carcinogenesis. The theta genes have a similar structure, being composed of five exons with identical exon/intron boundaries. [provided by RefSeq]

Other Designations -

Pathway

- [Drug metabolism - cytochrome P450](#)
- [Glutathione metabolism](#)
- [Metabolism of xenobiotics by cytochrome P450](#)

Disease

- [Amphetamine-Related Disorders](#)
- [Carcinoma](#)
- [Cognition](#)
- [Colorectal Neoplasms](#)

- [DNA Damage](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Head and Neck Neoplasms](#)
- [Helicobacter Infections](#)
- [Infection](#)
- [Inflammation](#)
- [Laryngeal Neoplasms](#)
- [Lung Neoplasms](#)
- [Mesothelioma](#)
- [Mouth Neoplasms](#)
- [Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Pleural Neoplasms](#)
- [Premature Birth](#)
- [Prenatal Exposure Delayed Effects](#)
- [Recurrence](#)
- [Schizophrenia](#)