

KD-Validated Anti-GSTZ1 Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI2066

Product Information

Application	WB
Primary Accession	O43708
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	24GB13130
Calculated MW	24212
Gene Name	GSTZ1
Aliases	GSTZ1; Glutathione S-Transferase Zeta 1; GSTZ1-1; MAAI; Maleylacetoacetate Isomerase; MAI; Glutathione Transferase Zeta 1; S-(Hydroxyalkyl)Glutathione Lyase; Glutathione S-Aralkyltransferase; Glutathione S-Alkyltransferase; Glutathione S-Aryltransferase; Maleylacetone Isomerase; EC 2.5.1.18; EC 5.2.1.2; MAAID
Immunogen	Recombinant protein of human GSTZ1

Additional Information

Gene ID	2954
Other Names	Maleylacetoacetate isomerase, MAAI, 5.2.1.2, GSTZ1-1, Glutathione S-transferase zeta 1, 2.5.1.18, GSTZ1, MAAI

Protein Information

Name	GSTZ1
Synonyms	MAAI
Function	Bifunctional enzyme showing minimal glutathione-conjugating activity with ethacrynic acid and 7-chloro-4-nitrobenz-2-oxa-1,3- diazole and maleylacetoacetate isomerase activity. Also has low glutathione peroxidase activity with T-butyl and cumene hydroperoxides. Is able to catalyze the glutathione dependent oxygenation of dichloroacetic acid to glyoxylic acid.
Cellular Location	Cytoplasm.
Tissue Location	Mostly expressed in liver followed by kidney, skeletal muscle and brain. Also expressed in melanocytes, synovium, placenta, breast and fetal liver and heart