

Anti-GSTM2 Antibody (6I325)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6I325
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of human GSTM2 in human leiomyoma with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of human GSTM2 in human heart with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
	3. Immunochemical staining of human GSTM2 in human epididymis with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections). Positive staining was localized to skeletal muscle.
Application:	IHC-P
Recommended	IHC-P: 1:100-1:500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human GSTM2 protein (TMPY-02223)
Antigen Species:	Human
Synonyms:	GSTM2-2; glutathione S-transferase mu 2 (muscle); GTHMUS; GSTM; GST4

Research Background

Glutathione S-transferase Mu 2, also known as GST class-mu 2, GSTM2-2, and GSTM2, is a cytoplasm protein that belongs to the GST superfamily and Mu family. GSTM2 / GST4 contains one GST C-terminal domain and one GST N-terminal domain. The glutathione S-transferases (GSTs) are a multigene family of enzymes largely involved in the detoxification of chemicals. Eight distinct classes of the soluble cytoplasmic mammalian glutathione S-transferases have been identified: alpha, kappa, mu, omega, pi, sigma, theta, and zeta. Butyrate, an important luminal component produced from the fermentation of dietary fibers, is an efficient inducer of GSTs and especially of GSTM2. Butyrate may act chemoprotective by increasing detoxification capabilities in the colon mucosa.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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