

GOAT ANTI-GSTM1 / GSTM2 ANTIBODY

SKU: EB06606

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

10kDa

SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / Alias Names GSTM1|GSTM2|MU|H-B|GST1|GTH4|GTM1|MU-1|GSTM1-1|MGC26563|GSTM1a-1a|GSTM1b-1b|glutathione S-transferase M1|HB subunit 4|GST class-mu 1|glutathione S-aryltransferase|glutathione S-alkyltransferase|glutathione S-transferase, Mu-1|glutathione S-aralkyltransferase|S-(hydroxyalkyl)glutathione lyase|glutathione S-transferase mu 1|glutathione S-transferase mu 2 (muscle)|GST4|GSTM|GSTM2-2|GTHMUS|MGC117303|GST class-mu 2|GST, muscle|S-(hydroxyalkyl)glutathione lyase M2|glutathione S-alkyltransferase M2|glutathione S-aralkyltransferase M2|glutathione S-aryltransferase M2|glutathione S-transferase 4|glutathione S-transferase M1|glutathione S-transferase M2 (muscle)|glutathione S-transferase mu 2

Accession ID NP_000552.2; NP_666533.1; NP_000839.1

Blocking Peptide EBP06606

Immunogen Peptide with sequence CVFSKMAVWGNK, from the C Terminus of the protein sequence according to NP_000552.2; NP_666533.1; NP_000839.1.

Product Comments This antibody is expected to recognise both reported variants of human GSTM1 protein (NP_000552.2; NP_666533.1) and wil also recognise human GSTM2 protein (NP_000839.1).

Peptide Sequence CVFSKMAVWGNK

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species Human

Reactive Species Human

Human Gene ID 2944, 2946

Product Grade https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

ELISA Detection Limit Antibody detection limit dilution 1:1000.

Western Blot Approx 26kDa band observed in Human Liver and Human Lung lysates (calculated MW of 25.7kDa according to NP_000552.2, and NP_000839.1). Recommended concentration: 1-3µg/ml.

Application Type Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 18372000, "intro": "**This antibody has been successfully used in the following paper:**", "title": "Inhibition of aryl hydrocarbon receptor transactivation and DNA adduct formation by CYP1 isoform-selective metabolic deactivation of benzo[a]pyrene.", "author": "Endo K, Uno S, Seki T, Ariga T, Kusumi Y, Mitsumata M, Yamada S, Makishima M.", "journal": "Toxicol Appl Pharmacol. 2008 Jul 15;230(2):135-43. Epub 2008 Feb 21."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

