

## Goat anti-GSTM1 / GSTM2 Antibody

<b>Item Number</b>	dAP-0580
<b>Target Molecule</b>	Principle Name: GSTM1 / GSTM2; Official Symbol: GSTM1 / GSTM2; All Names and Symbols: 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; Accession Number (s): NP_000552.2; NP_666533.1; NP_000839.1; Human Gene ID(s): 2944; 2946; Non-Human GenelD(s):
<b>Immunogen</b>	CVFSKMAVWGNK, is from C Terminus 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).
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 1000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Lee KA, Kim SH, Woo HY, Hong YJ, Cho HC. Increased frequencies of glutathione S-transferase (GSTM1 and GSTT1) gene deletions in Korean patients with acquired aplastic anemia. <i>Blood</i> . 2001 Dec 1;98(12):3483-5. .PMID: 11719393 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**