

## GSTM4 Antibody / Glutathione S-Transferase mu 4 (R36474)

Catalog No.	Formulation	Size
R36474-100UG	0.5 mg/ml in 1X TBS, pH7.3, with 0.5% BSA (US sourced) and 0.02% sodium azide	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal (goat origin)
<b>Isotype</b>	Goat Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q03013
<b>Applications</b>	Western Blot : 0.1-0.3ug/ml ELISA (peptide) LOD : 1:128000
<b>Limitations</b>	This GSTM4 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with GSTM4 antibody at 0.1ug/ml. Predicted molecular weight ~26 kDa.



Western blot testing of rat lung lysate with GSTM4 antibody at 0.3ug/ml. Predicted molecular weight ~26 kDa.

## Description

Cytosolic and membrane-bound forms of glutathione S-transferase are encoded by two distinct supergene families. At present, eight distinct classes of the soluble cytoplasmic mammalian glutathione S-transferases have been identified: alpha, kappa, mu, omega, pi, sigma, theta and zeta. The mu class of enzymes functions in the detoxification of electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins and products of oxidative stress, by conjugation with glutathione. [Wiki]

## Application Notes

Optimal dilution of the GSTM4 antibody should be determined by the researcher.

## Immunogen

Amino acids DVSNQLARVCYSPD were used as the immunogen for this GSTM4 antibody.

## Storage

Aliquot and store the GSTM4 antibody at -20oC.