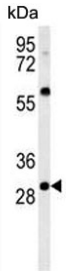
GSTO2 Antibody (F54420)

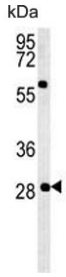
Catalog No.	Formulation	Size
F54420-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54420-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

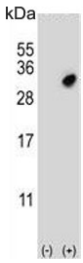
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9H4Y5
Localization	Cytoplasmic, secreted
Applications	Flow cytometry: 1:25 (1x10e6 cells) Immunofluorescence: 1:25 Western blot: 1:500-1:2000
Limitations	This GSTO2 antibody is available for research use only.



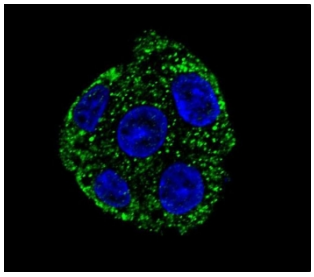
Western blot testing of human A2058 cell lysate with GSTO2 antibody. Predicted molecular weight ~28 kDa.



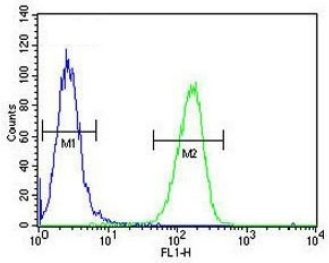
Western blot testing of mouse testis lysate with GSTO2 antibody. Predicted molecular weight ~28 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with GSTO2 antibody.



Immunofluorescent staining of human HepG2 cells with GSTO2 antibody (green) and DAPI nuclear stain (blue).



Flow cytometry testing of human A2058 cells with GSTO2 antibody; Blue=isotype control, Green= GSTO2 antibody.

Description

Exhibits glutathione-dependent thiol transferase activity. Has high dehydroascorbate reductase activity and may contribute to the recycling of ascorbic acid. Participates in the biotransformation of inorganic arsenic and reduces monomethylarsonic acid (MMA). [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the GSTO2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 82-110 from the human protein was used as the immunogen for the GSTO2 antibody.

Storage

Aliquot the GSTO2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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