

MGST3 Rabbit mAb
Catalog # AP75717**Specification**

MGST3 Rabbit mAb - Product Information

Application	WB, IHC-P, IP
Primary Accession	O14880
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	16516

MGST3 Rabbit mAb - Additional Information**Gene ID** 4259**Other Names**
MGST3**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
IP~~N/A**Format**
Liquid**MGST3 Rabbit mAb - Protein Information****Name** MGST3 ([HGNC:7064](#))**Function**

Displays both glutathione S-transferase and glutathione peroxidase activities toward oxyeicosanoids, as part of cellular detoxification as well as synthesis of bioactive metabolites (PubMed:[36370807](http://www.uniprot.org/citations/36370807)), PubMed:[9278457](http://www.uniprot.org/citations/9278457)). Catalyzes conjugate addition of reduced glutathione to the alpha, beta-unsaturated C=C carbonyl group of eicosanoids such as leukotriene A4 and 15-deoxy-Delta12,14- prostaglandin J2 to form GSH adducts relevant to the inflammatory response (PubMed:[36370807](http://www.uniprot.org/citations/36370807), PubMed:[9278457](http://www.uniprot.org/citations/9278457)). Catalyzes glutathione- dependent reduction of eicosanoid peroxides to yield the corresponding eicosanoid hydroxides (PubMed:[9278457](http://www.uniprot.org/citations/9278457)).

Cellular Location

Mitochondrion outer membrane; Multi-pass membrane protein

Tissue Location

Predominantly expressed in heart, skeletal muscle, and adrenal cortex. Also found in brain, placenta, liver, kidney, pancreas, thyroid, testis and ovary. Almost absent in lung, thymus and peripheral blood leukocytes. Expressed in mast cells

MGST3 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MGST3 Rabbit mAb - Images

