

Product datasheet for **AM06045PU-N**

Glutathione Peroxidase 7 (GPX7) Mouse Monoclonal Antibody [Clone ID: 2704]

Product data:

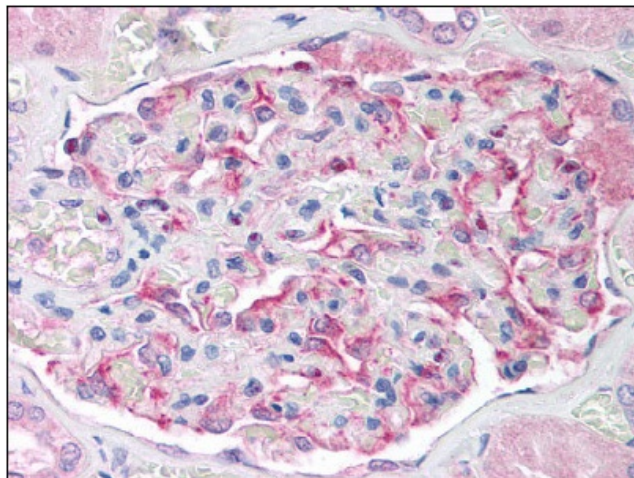
Product Type:	Primary Antibodies
Clone Name:	2704
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 10 µg/ml. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Fusion protein of Human GPX7
Specificity:	This antibody detects Glutathione Peroxidase 7 (GPX7).
Formulation:	PBS pH 7.4. without preservatives State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein G chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20 °C to -70 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	glutathione peroxidase 7
Database Link:	Entrez Gene 2882 Human Q96SL4
Background:	Human GPX7 is believed to be a member of the glutathione peroxidase family of proteins. These proteins play important roles in cellular defense mechanisms against oxidative damage. This is accomplished by catalyzing the reduction of hydroperoxides and hydrogen peroxide through the reducing substrate, glutathione. GPX7 protects esophageal epithelia from hydrogen peroxide-induced oxidative stress. It suppresses acidic bile acid-induced reactive oxygen species (ROS) and protects against oxidative DNA damage and double-strand breaks.



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Synonyms: CL683, GSHPx-7

Product images:



Kidney: Formalin-Fixed Paraffin-Embedded (FFPE)