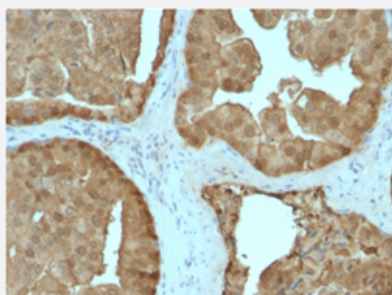


GLO1 monoclonal antibody, clone CPTC-GLO1-1

Catalog # MAB21204 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate carcinoma with GLO1 monoclonal antibody, clone CPTC-GLO1-1 (Cat # MAB21204).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human GLO1.
Immunogen	Recombinant protein corresponding to full length human GLO1.
Host	Mouse
Theoretical MW (kDa)	24-26
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate carcinoma with GLO1 monoclonal antibody, clone CPTC-GLO1-1 (Cat # MAB21204).

Gene Info — GLO1

Entrez GeneID	2739
Protein Accession#	Q04760
Gene Name	GLO1
Gene Alias	GLOD1, GLY1
Gene Description	glyoxalase I
Omim ID	138750 209850
Gene Ontology	Hyperlink
Gene Summary	The enzyme encoded by this gene is responsible for the catalysis and formation of S-lactoyl-glutathione from methylglyoxal condensation and reduced glutathione. Glyoxalase I is linked to HLA and is localized to 6p21.3-p21.1, between HLA and the centromere. [provided by RefSeq]
Other Designations	OTTHUMP00000016339 glyoxalase domain containing 1 lactoyl glutathione lyase lactoylglutathione lyase

Pathway

- [Pyruvate metabolism](#)

Disease

- [Albuminuria](#)

- [Alcoholism](#)
- [Atherosclerosis](#)
- [Autistic Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Genetic Predisposition to Disease](#)
- [Interview](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Multiple Sclerosis](#)
- [Pancreatic Neoplasms](#)
- [Panic Disorder](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)
- [Uremia](#)
- [Vascular Diseases](#)