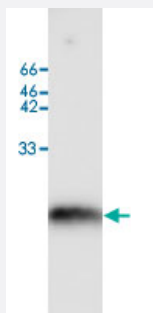


GLO1 monoclonal antibody, clone 2

Catalog # MAB9981

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of HEK293 whole cell lysate with GLO1 monoclonal antibody, clone 2 (Cat # MAB9981) at 1:500 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant GLO1.
Immunogen	Recombinant protein corresponding to amino acids 83-184 of human GLO1.
Host	Mouse
Reactivity	Human
Specificity	It can expression in HEK293 whole cell lysate.
Form	Liquid
Purification	Affinity purification
Isotype	IgG1
Recommend Usage	Western blot (1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In Citrate-Tris-HCl buffer, pH 7.0 (0.02% Proclin 300)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HEK293 whole cell lysate with GLO1 monoclonal antibody, clone 2 (Cat # MAB9981) at 1:500 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GLO1

Entrez GeneID	2739
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](#)