

Mouse anti-Human MGO-modified proteins Monoclonal Antibody

MGO-modified proteins, Human, mAb MGO-1

CATALOG # AAA77772	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot
------------------------------	----------------------	----------------------------	-------------------------------------

PRODUCT SYNONYMS

MGO-modified proteins; Monoclonal Antibody; Human; mAb MGO-1; anti-MGO-modified proteins antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Purity/Purification	Protein G
Form/Format	0.2 um filtered in PBS+0.1%BSA+0.02%NaN3
Concentration	0.81 mg/mL (varies by lot)
Applicable Applications for anti-MGO-modified proteins antibody	WB (Western Blot), IA (Immunoassay)
Immunogen	MGO-modified KLH
Volume	1 mL
Cross-Reactivity	Multispecies: Yes Glyoxal-modified albumin: No 3-Deoxyglucosone-modified albumin: No CML (Carboxy Methyl Lysine): No Pentosidine: No
Endotoxin	0.07 EU/mg
Preparation and Storage	Product should be stored at 4 degree C. Under recommended storage conditions, product is stable for at least one year. The exact expiry date is indicated on the label.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-MGO-modified proteins antibody	Product Description: The monoclonal antibody MGO-1 recognizes human MGO modified proteins. Methylglyoxal (MGO) is an endogenous product of glucose metabolism. Increased production and accumulation of methylglyoxal (MGO), as well as increased modification of proteins by glycoxidation, are hallmarks of aging and diabetes. MGO was shown to modify proteins and to contribute to the accumulation of damaged proteins that can be toxic to cells. A number of studies have shown that MGO levels are significantly elevated in patients with Type 2 Diabetes- and correlates well with fasting plasma glucose and hemoglobin A1c (HbA1c) levels. Moreover, increased formation of the MGO is implicated in renal dysfunction and is known to be involved in the development of DN (diabetic nephropathy).
---	--

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/mgo-modified-proteins-antibody-western-blot-immunoassay-elisa/77772>