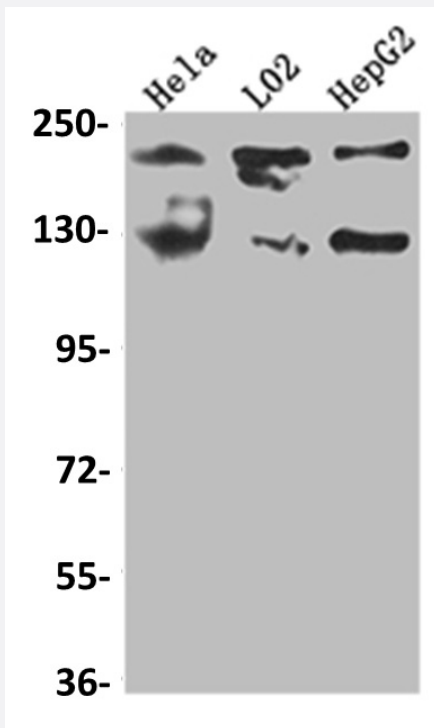


RecomAb™

OGA recombinant monoclonal antibody, clone 8D12

Catalog # RAB07473 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa whole cell lysate, L02 whole cell lysate, HepG2 whole cell lysate with OGA recombinant monoclonal antibody, clone 8D12 (Cat # RAB07473).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human OGA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human OGA.
Theoretical MW (kDa)	Calculated MW: 103,
Reactivity	Human
Form	Liquid

Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Hela whole cell lysate, L02 whole cell lysate, HepG2 whole cell lysate with OGA recombinant monoclonal antibody, clone 8D12 (Cat # RAB07473).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — MGEA5

Entrez GeneID	10724
Protein Accession#	O60502
Gene Name	MGEA5
Gene Alias	FLJ11229, FLJ23355, KIAA0679, MEA5, NCOAT, OGA
Gene Description	meningioma expressed antigen 5 (hyaluronidase)
Omim ID	604039
Gene Ontology	Hyperlink
Gene Summary	The dynamic modification of cytoplasmic and nuclear proteins by O-linked N-acetylglucosamine (O-GlcNAc) addition and removal on serine and threonine residues is catalyzed by OGT (MIM 300255), which adds O-GlcNAc, and MGEA5, a glycosidase that removes O-GlcNAc modifications (Gao et al., 2001 [PubMed 11148210]).[supplied by OMIM]

Other Designations

O-GlcNAcase|OTTHUMP00000020345|hyaluronidase in meningioma|nuclear cytoplasmic O-GlcNAcase and acetyltransferase

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)