

Anti-MGEA5 Antibody (8U249)

Product Details

Ig Type:	IgG		
Reactivity:	Human		
Molecular Weight:	Theoretical:	103 kDa.	Actual: 130 kDa.
Clone:	8U249		
Purification:	Protein A purified		

Applications

Verified Activity:	1. 25 ug total protein per lane of various lysates (see on figure) probed with MGEA5 monoclonal antibody, unconjugated (TMAB-08790) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
	2. The Hela (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-MGEA5 antibody (TMAB-08790, 1: 100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.
	3. Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MGEA5 Monoclonal Antibody, Unconjugated (TMAB-08790) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
	4. Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MGEA5 Monoclonal Antibody, Unconjugated (TMAB-08790) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
Application:	FCM,IF,IHC-Fr,IHC-P,IP,WB
Recommended	FCM=1:50-100; IF=1:50-200; IHC-Fr=1:50-200; IHC-P=1:50-200; IP=1:20-50; WB=1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: A synthesized peptide: human OGA
Antigen Species: Human
Gene ID: 10724
Uniprot ID: O60502

Research Background

Isoform 1: Cleaves GlcNAc but not GalNAc from O-glycosylated proteins. Isoform 3: Cleaves GlcNAc but not GalNAc from O-glycosylated proteins. Isoform 3 Cleaves GlcNAc but not GalNAc from O-glycosylated proteins.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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