

Anti-MGEA5 Antibody (6W709)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6W709
Purification:	Affinity-chromatography

Applications

	Western Blot
	-Positive WB detected in: Hela whole cell lysate, L02 whole cell lysate, HepG2 whole cell lysate
Verified Activity:	-All lanes: MGEA5 antibody at 1:1000
	-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
	-Predicted band size: 103, 96, 77, 97 kDa
	-Observed band size: 130 kDa
Application:	ELISA,WB
Recommended	WB:1:500-1:5000.

Properties

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

Antigen Details

Immunogen:	A synthetic peptide: Human MGEA5
Antigen Species:	Human
Gene ID:	10724
Uniprot ID:	O60502
Synonyms:	Beta-hexosaminidase;EC 3.2.1.169;Nuclear cytoplasmic O-GlcNAcase and acetyltransferase; OGA;NCOAT;MGEA 5;Meningioma-expressed antigen 5;MEA5;Beta-N-acetylhexosaminidase; Beta-N-acetylglucosaminidase;N-acetyl-beta-D-glucosaminidase;Protein O-GlcNAcase;N-acetyl-beta-glucosaminidase;KIAA0679;HEXC
Biology Area:	Cancer, Immunology, Metabolism, Signal transduction

Research Background

Cleaves GlcNAc but not GalNAc from O-glycosylated proteins. Can use p-nitrophenyl-beta-GlcNAc and 4-methylumbelliferone-GlcNAc as substrates but not p-nitrophenyl-beta-GalNAc or p-nitrophenyl-alpha-GlcNAc (in vitro). Does not bind acetyl-CoA and does not have histone acetyltransferase activity. Cleaves GlcNAc but not GalNAc from O-glycosylated proteins. Can use p-nitrophenyl-beta-GlcNAc as substrate but not p-nitrophenyl-beta-GalNAc or p-nitrophenyl-alpha-GlcNAc (in vitro), but has about six times lower specific activity than isoform 1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481