

Datasheet for ABIN6944352 **anti-MGEA5 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MGEA5
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This MGEA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein of N-terminal human MGEA5.
Clone:	1A5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

Target Details

Target:	MGEA5
Alternative Name:	OGA (MGEA5 Products)
Background:	Synonyms: Protein O-GlcNAcase, Beta-N-acetylglucosaminidase, Beta-N-acetylhexosaminidase,

Target Details

Beta-hexosaminidase, Meningioma-expressed antigen 5, N-acetyl-beta-D-glucosaminidase, N-acetyl-beta-glucosaminidase, Nuclear cytoplasmic O-GlcNAcase and acetyltransferase, OGA, NCOAT, MGEA5, HEXC, KIAA0679, MEA5

Background: Isoform 1: - 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. Isoform 3: - 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.

Gene ID:	10724
UniProt:	O60502
Pathways:	Positive Regulation of Peptide Hormone Secretion, Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IP(1-2 µg)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.

Handling

Expiry Date: 12 months