

AM00063PU-N**Monoclonal Antibody to N-Acetylglucosamine (GlcNAc) - Purified**

Quantity:	0.1 mg
Background:	Many intracellular proteins contain monomeric O - linked N - acetylglucosamine residues conjugated to the hydroxyl group of serine or threonine residues. This modification can interfere with serine and threonine phosphorylation.
Host / Isotype:	Mouse / IgM
Recommended Isotype Controls:	SM13P
Clone:	10D8
Immunogen:	N-Acetylglucosamine conjugated to KLH.
Format:	State: Lyophilized purified IgM Purification: Size exclusion chromatography Buffer System: 1 ml 2 x PBS / 0.09 % Na-azide / PEG and Sucrose Reconstitution: Restore with 1 ml H ₂ O (15 min, RT).
Applications:	Western blot: 0.5 µg/ml for HRPO/ECL detection. Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubation buffer. ELISA: 0.1 - 1.0 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to N-Acetylglucosamine. Species: Human, Mouse, Rat. Other species not tested.
Storage:	Upon receipt store lyophilized (preferably in a desiccator) at -20°C for long-term. After reconstitution aliquot and freeze (in liquid nitrogen) at -80°C up to 1 year. Avoid repeated freezing and thawing. Thaw aliquots at 37°C. Thawed aliquots may be stored at 4°C up to 3 months. Shelf life: one year from despatch.