

## Mouse Monoclonal Antibody to

# N-Acetylglucosamine

## clone 10D8

**Order No.:** 0059-100/GlcNAc-10D8

**Size (µg)** 100

**Lot No.:** 0059S



[www.nanotools.de](http://www.nanotools.de)

**orders & support:**

email: [info@nanotools.de](mailto:info@nanotools.de)

phone: +49-7641-455 670

fax: +49-7641-455 671

02/060307F

Isotype	Species Reactivity	Applications	Mol. Weight	Ref.Cell Line	Epitope	Immunogen
IgM	human, mouse, rat	WB, ELISA	pattern	none		N-Acetylglucosamine conjugated to KLH

### Background and Specificity:

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.

**Purification:** The antibody was purified from serum-free cell culture supernatant by subsequent thiophilic adsorption and size exclusion chromatography.

**Formulation:** lyophilized from 1 ml 2 x PBS / 0.09 % Na-azide / PEG and Sucrose.

**Reconstitution:** Reconstitute with 1 ml H<sub>2</sub>O (15 min, RT).

**Stability:** For long-term storage, freeze lyophilizate upon arrival (-20°C). Upon reconstitution, aliquote and freeze in liquid nitrogen; reconstituted antibody can be stored frozen at -80°C up to 1 year. Thaw aliquots at 37°C. Thawed aliquots may be stored at 4°C up to 3 months.

**Avoid repeated freeze / thaw cycles.**

**Positive Control:** none

**Immunoblotting:** 0.5 µg/ml for HRPO/ECL detection  
**Recommended blocking buffer:** Casein/Tween 20 based blocking and blot incubation buffer, e.g. nanoTools product #3031-500/CPPT or #3031-3000/CPPT.

**Immunoprecipitation:** ND

**Immunocytochemistry:** ND

**ELISA:** use at 0.1 - 1.0 µg/ml

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