

Mouse Monoclonal Antibody to

N-Acetylglucosamine

clone 10D8

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

Size (µg) 100

Lot No.: 0059S

www.nanotools.de

orders & support:

email: 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 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 H₂O (15 min, RT).

Stability: For long-term storage, freeze lyophilizate upon arrival (-20°C). Upon reconstitution, aliquot 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

Related Products

All products are supplied for research and investigational use only. Not for use in humans or laboratory animals.