

Anti-O-Linked N-Acetylglucosamine antibody [RL2] - BSA and Azide free ab264496

1 图像

概述

产品名称	Anti-O-Linked N-Acetylglucosamine抗体[RL2] - BSA and Azide free
描述	小鼠单克隆抗体[RL2] to O-Linked N-Acetylglucosamine - BSA and Azide free
宿主	Mouse
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Rat, Human
免疫原	Tissue, cells or virus corresponding to O-Linked N-Acetylglucosamine. Specifically, isolated rat liver nuclear envelopes, which contain 8 O-Linked glycoproteins in the nuclear pore complex
阳性对照	ICC-IF: MCF7 cells. WB: Jurkat cells treated with 50 uM PugNAc; SH-SY5Y) whole cell lysate - treated with 50µM z-Pugnac; Rat Liver Nuclear Envelope lysate.
常规说明	<p>ab264496 is the carrier-free version of ab2739.</p> <p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be</p>

found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	Constituent: PBS
无载体	是
纯度	IgG fraction
克隆	单克隆
克隆编号	RL2
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab264496于以下的经测试应用

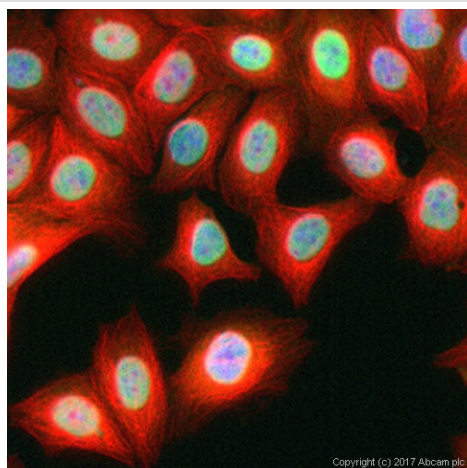
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.

靶标

相关性	Many cellular proteins, including nuclear pore, oncogene, cytoskeletal, heat shock, viral and transcription regulatory proteins contain single O-linked N-acetylglucosamine (O-GlcNAc) residues attached to serine or threonine residues. It has been observed that O-GlcNAc glycosylated proteins tend to be under phosphorylated relative to unglycosylated proteins and that O-GlcNAc bearing proteins tend to be found in multimeric complexes. This has led to the suggestion that O-GlcNAc glycosylation may obscure phosphorylation sites and acts as a signaling mechanism or mediator of signaling.
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图片



Immunocytochemistry/ Immunofluorescence - Anti-O-Linked N-Acetylglucosamine antibody [RL2] - BSA and Azide free (ab264496)

ab2739 stained in MCF7 cells. Cells were fixed with 4% paraformaldehyde (10min) at room temperature and incubated with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% triton for 1h at room temperature to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody **ab2739** at 5µg/ml and **ab6046** (Rabbit polyclonal to beta Tubulin - Loading Control) at 1/1000 dilution overnight at +4°C. The secondary antibodies were **ab150080** (pseudo-colored red) and **ab150117** (colored green) used at 1 ug/ml for 1hour at room temperature. DAPI was used to stain the cell nuclei (colored blue) at a concentration of 1.43µM for 1hour at room temperature.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, L-arginine and sodium azide (**ab2739**).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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