

Anti-beta Galactosidase antibody [DC1 4C7] ab1116

7 References **1 图像**

概述

产品名称	Anti-beta Galactosidase抗体[DC1 4C7]
描述	小鼠单克隆抗体[DC1 4C7] to beta Galactosidase
宿主	Mouse
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Escherichia coli
免疫原	Full length protein. This information is proprietary to Abcam and/or its suppliers.
常规说明	<p>This monoclonal is also known as clone HD4C7 or HD 447C.</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>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 found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 6.97% L-Arginine</p>
纯度	Protein G purified
克隆	单克隆
克隆编号	DC1 4C7
骨髓瘤	P3-NS1/1-Ag4-1
同种型	IgG1

kappa

Abpromise™ 承诺保证使用ab116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.
ELISA		Use at an assay dependent concentration.

相关性

Beta galactosidase is coded by a gene (lac z) in the lac operon of *Escherichia coli*. It is a metalloenzyme that splits lactose into glucose and galactose. It hydrolyzes terminal, non-reducing beta-D-galactose residues in beta-D-galactosides. Activation by cations seems to be substrate dependent. K⁺, Na⁺, NH₄⁺, Rb⁺, Cs⁺ and Mn⁺⁺ all activate enzyme activity based upon the substrate used.

Cytoplasmic

Western blot analysis of anti-beta Galactosidase antibody [DC1 4C7] (ab116). The blot shows two lanes: lane 1 (loading control) and lane 2 (target protein). Molecular weight markers are indicated on the left: 250 kDa, 150 kDa, 100 kDa, 75 kDa, 50 kDa, 37 kDa, 25 kDa, 20 kDa, 15 kDa, and 10 kDa. A single band is visible in lane 2 at approximately 120 kDa. Copyright (c) 2016 Abcam plc.

All lanes : Anti-beta Galactosidase antibody [DC1 4C7] (ab116) at 1 µg

Lane 1 : Recombinant Human GLB1/Beta-galactosidase protein
(**ab151890**)

Lane 2 : Native E. coli beta Galactosidase protein (**ab79449**)

Lysates/proteins at 0.1 μ g per lane.

Secondary

All lanes : Goat polyclonal to Mouse IgG - H&L - Pre-Adsorbed (HRP) (**ab65485**) at 1/5000 dilution

Performed under reducing conditions.

Exposure time: 4 minutes

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