abcam

Product datasheet

Anti-DPM1 antibody [5C5A7] ab113686

1 Abreviews 7 References 1 图像

概述

产品名称	Anti-DPM1抗体[5C5A7]
描述	**小鼠单克隆抗体**[5C5A7] to DPM1
宿主	Mouse
经测试应用	**适用于:** WB
种属反应性	**与反应:** Saccharomyces cerevisiae
免疫原	Recombinant fragment. This information is considered to be commercially sensitive.
阳性对照	yeast lysate
常规说明	This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact **orders@abcam.com**. 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. 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 Product was previously marketed under the MitoSciences sub-brand.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.5 Preservative: 0.02% Sodium azide Constituent: HEPES buffered saline
纯化说明	Near homogeneity. The antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by chemical fractionation.
克隆	单克隆
克隆编号	5C5A7

同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab113686于以下的经测试应用**

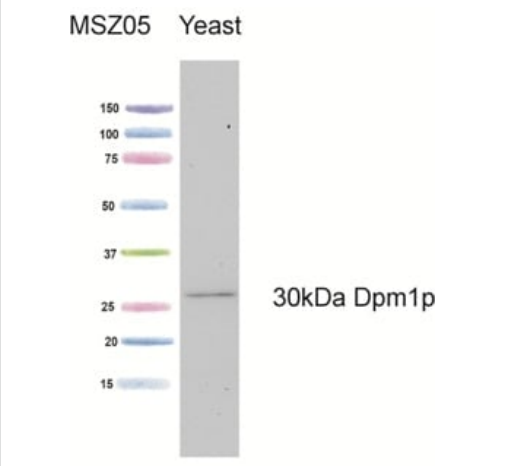
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★☆☆ (1)	Use a concentration of 4 µg/ml. Detects a band of approximately 30 kDa (predicted molecular weight: 30 kDa).

靶标

功能	Transfers mannose from GDP-mannose to dolichol monophosphate to form dolichol phosphate mannose (Dol-P-Man) which is the mannosyl donor in pathways leading to N-glycosylation, glycosyl phosphatidylinositol membrane anchoring, and O-mannosylation of proteins.
通路	Protein modification; protein glycosylation.
疾病相关	Defects in DPM1 are the cause of congenital disorder of glycosylation type 1E (CDG1E) [MIM:608799]. CDGs are metabolic deficiencies in glycoprotein biosynthesis that usually cause severe mental and psychomotor retardation. They are characterized by under-glycosylated serum glycoproteins. CDG1E is an autosomal recessive disorder, characterized by severe developmental delay, hypotnia, seizures, and dysmorphic features.
序列相似性	Belongs to the glycosyltransferase 2 family.
细胞定位	Endoplasmic reticulum.

图片



Western blot - Anti-DPM1 antibody [5C5A7] (ab113686)

Anti-DPM1 antibody [5C5A7] (ab113686) + Yeast whole cell lysate at 15 µg

Predicted band size: 30 kDa

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

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