

Anti-Carboxymethyl Lysine antibody [CMS-10] ab30922

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概述

产品名称	Anti-Carboxymethyl Lysine抗体[CMS-10]
描述	小鼠单克隆抗体[CMS-10] to Carboxymethyl Lysine
宿主	Mouse
经测试应用	适用于: ELISA, IHC-Fr, IHC-P
种属反应性	与反应: Species independent
免疫原	N epsilon (Carboxymethyl) Lysine (CML) conjugated to KLH.
常规说明	<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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.1% Proclin 150
纯度	Ascites in stabilized buffer, containing 50% Block Ace (Casein-containing solution) and 0.1% ProClin as a preservative.
克隆	Protein G purified
克隆编号	单克隆
同种型	CMS-10
	IgG1

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab30922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
ELISA		Use a concentration of 0.1 - 0.5 µg/ml.
IHC-Fr		Use a concentration of 2 µg/ml.
IHC-P	★ ★ ★ ★ ★ (1)	Use at an assay dependent concentration.

靶标

相关性

N epsilon carboxymethyl lysine (CML or Carboxymethyl Lysine) is formed by the non enzymatic Schiff base reaction of glucose with proteins, followed by an Amadori rearrangement and oxidation that leaves only a carboxymethyl group attached to the lysine. The levels of CML adducts accumulate over time and have been used as an indicator of both serum glucose levels and oxidative protein damage. Elevated serum CML modified proteins have been associated with diabetes and may contribute to diabetic retinopathy, nephropathy and angiopathy.

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