

Anti-F-actin antibody [NH3] ab205

★★★★★ **11 Abreviews** **112 References**

概述

产品名称	Anti-F-actin抗体[NH3]
描述	小鼠单克隆抗体[NH3] to F-actin
宿主	Mouse
特异性	Clone NH3 recognises human Filamentous actin (F-actin) and reportedly also recognizes Globular actin (G-actin). The antibody binds to the N-terminal region of actin, but not to the extreme N-terminal 40 amino acids. In tissue sections the antibody stains the cytoplasm of macrophages strongly, and gives granular, localised nuclear staining of all cell types. As this is a mouse IgM antibody, an anti-mouse IgM secondary antibody must be used to detect this primary.
经测试应用	适用于: ELISA, IHC-Fr, ICC/IF, IHC-R, Flow Cyt, WB, IP
种属反应性	与反应: Mouse, Rat, Rabbit, Human
免疫原	Tissue, cells or virus corresponding to F-actin. Human monocytes and U397 cell line.
表位	This antibody is reported to recognise actin in the filamentous form with the epitope likely to be located between residues 120 and 226 of the molecule.
阳性对照	gastrointestinal tissue
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. 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	Preservative: 0.1% Sodium azide
纯度	Purified IgM
纯化说明	Purified IgM prepared from tissue culture supernatant.

克隆	单克隆
克隆编号	NH3
骨髓瘤	NS1
同种型	IgM
轻链类型	unknown

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab205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 at an assay dependent concentration.
IHC-Fr	★★★★☆ (2)	Use at an assay dependent concentration.
ICC/IF	★★★★☆ (3)	Use at an assay dependent concentration.
IHC-R	★★★★★ (1)	Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. ab91545 - Mouse monoclonal IgM, is suitable for use as an isotype control with this antibody.
WB	★★★★☆ (4)	Use at an assay dependent concentration. Predicted molecular weight: 41 kDa. As this is a mouse IgM antibody, an anti-mouse IgM secondary antibody must be used to detect this primary.
IP		Use at an assay dependent concentration. PubMed: 27336173

靶标

功能	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
疾病相关	Defects in ACTB are a cause of dystonia juvenile-onset (DYTJ) [MIM:607371]. DYTJ is a form of dystonia with juvenile onset. Dystonia is defined by the presence of sustained involuntary muscle contraction, often leading to abnormal postures. DYTJ patients manifest progressive, generalized, dopa-unresponsive dystonia, developmental malformations and sensory hearing loss.
序列相似性	Belongs to the actin family.
翻译后修饰	ISGylated.
细胞定位	Cytoplasm > cytoskeleton. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

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