

### Anti-F-actin antibody [NH3] ab205

★★★★★ [11 Abreviews](#) [112 References](#)

#### 製品の概要

製品名	Anti-F-actin antibody [NH3]
製品の詳細	Mouse monoclonal [NH3] to F-actin
由来種	Mouse
特異性	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.
アプリケーション	<b>適用あり:</b> ELISA, IHC-Fr, ICC/IF, IHC-R, Flow Cyt, WB, IP
種交差性	<b>交差種:</b> Mouse, Rat, Rabbit, Human
免疫原	Tissue, cells or virus corresponding to F-actin. Human monocytes and U397 cell line.
エピトープ	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.
ポジティブ・コントロール	gastrointestinal tissue
特記事項	<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&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Preservative: 0.1% Sodium azide
精製度	Purified IgM
特記事項 (精製)	Purified IgM prepared from tissue culture supernatant.

ポリ/モノ	モノクローナル
クローン名	NH3
ミエローマ	NS1
アイソタイプ	IgM
軽鎖の種類	unknown

## アプリケーション

**The Abpromise guarantee**      **Abpromise保証は、次のテスト済みアプリケーションにおけるab205の使用に適用されます**  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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. <b>ab91545</b> - 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

## ターゲット情報

機能	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
関連疾患	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.
配列類似性	Belongs to the actin family.
翻訳後修飾	ISGylated.
細胞内局在	Cytoplasm > cytoskeleton. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

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

### **Our Abpromise to you: Quality guaranteed and expert technical support**

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors