

### Anti-MUC2 antibody [996/1] ab11197

★★★★★ [5 Abreviews](#) [39 References](#)

#### 製品の概要

製品名	Anti-MUC2 antibody [996/1]
製品の詳細	Mouse monoclonal [996/1] to MUC2
由来種	Mouse
特異性	ab11197 recognises the human MUC2 mucin, and shows no cross-reactivity with MUC1, MUC3 or MUC4 mucins. In tissue sections ab11197 recognises colon, liver and prostate tissues strongly. The antibody recognises malignant colonic mucosa as well as normal mucosa.
アプリケーション	<b>適用あり:</b> IHC-Fr, WB, Flow Cyt, IHC-P
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide corresponding to Human MUC2. Synthetic peptide: TPTPTGTQTP TTTPTTTTT VTPTPTPTGT QPTTTTPTT T This is from the tandem repeat are of the sequence and can be found starting at amino acids 1933 and 2163 Sequence: TPTPTGTQ TPTTTTPTTT TTVTPTPTPT GTQTPTTTPTI TTT  Database link: <a href="#">Q02817</a>

 [Run BLAST with](#)

 [Run BLAST with](#)

#### ポジティブ・コントロール

Normal colon

#### 特記事項

We have removed mouse from our list of reactive species based on contradictory results from researchers. We have had increased reports of negative staining results in IHC-P with mouse tissue. We do not batch test this antibody with mouse and we will no longer guarantee it for mouse reactivity.

Storage in frost free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

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

## 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	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
精製度	Protein G purified
特記事項 (精製)	Purified IgG prepared by affinity chromatography from tissue culture supernatant.
ポリ/モノ	モノクローナル
クローン名	996/1
ミエローマ	NS0
アイソタイプ	IgG1

## 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ab11197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
IHC-Fr		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 540 kDa.
Flow Cyt		Use at an assay dependent concentration.
IHC-P	★★★★★ (2)	Use at an assay dependent concentration.

## ターゲット情報

機能	Coats the epithelia of the intestines, airways, and other mucus membrane-containing organs. Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces. Major constituent of both the inner and outer mucus layers of the colon and may play a role in excluding bacteria from the inner mucus layer.
組織特異性	Colon, small intestine, colonic tumors, bronchus, cervix and gall bladder.
配列類似性	Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 1 TIL (trypsin inhibitory-like) domain. Contains 2 VWFC domains. Contains 4 VWFD domains.
翻訳後修飾	O-glycosylated. May undergo proteolytic cleavage in the outer mucus layer of the colon, contributing to the

expanded volume and loose nature of this layer which allows for bacterial colonization in contrast to the inner mucus layer which is dense and devoid of bacteria.

At low pH of 6 and under, undergoes autocatalytic cleavage in vitro in the N-terminal region of the fourth VWD domain. It is likely that this also occurs in vivo and is triggered by the low pH of the late secretory pathway.

#### 細胞内局在

Secreted. In the intestine, secreted into the inner and outer mucus layers.

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

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