

Anti-MUC16 antibody [OV185:1] ab697

[3 References](#) [画像数 1](#)

製品の概要

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|--------------|---|
| 製品名 | Anti-MUC16 antibody [OV185:1] |
| 製品の詳細 | Mouse monoclonal [OV185:1] to MUC16 |
| 由来種 | Mouse |
| アプリケーション | 適用あり: IHC-P |
| 種交差性 | 交差種: Human |
| 免疫原 | Full length protein corresponding to Human MUC16. Partially purified human mucin fraction from a pool of cancer tissues of patients with epithelial ovarian. |
| ポジティブ・コントロール | Ovarian carcinoma. |
| 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&As</p> |

製品の特性

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| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| バッファー | pH: 7.3 Preservative: 0.05% Sodium azide Constituent: 1% BSA |
| 精製度 | Tissue culture supernatant |
| ポリ/モノ | モノクローナル |
| クローン名 | OV185:1 |
| アイソタイプ | IgG1 |
| 軽鎖の種類 | kappa |

アプリケーション

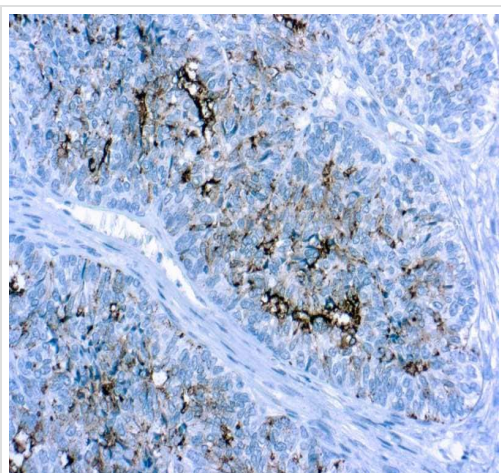
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アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--|
| IHC-P | | 1/50 - 1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. |

ターゲット情報

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| 機能 | Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces. |
| 組織特異性 | Expressed in corneal and conjunctival epithelia (at protein level). Overexpressed in ovarian carcinomas and ovarian low malignant potential (LMP) tumors as compared to the expression in normal ovarian tissue and ovarian adenomas. |
| 配列類似性 | Contains 2 ANK repeats. Contains 56 SEA domains. |
| ドメイン | Composed of three domains, a Ser-, Thr-rich N-terminal domain, a repeated domain containing more than 60 partially conserved tandem repeats of 156 amino acids each (AAs 12061-21862) and a C-terminal transmembrane contain domain with a short cytoplasmic tail. |
| 翻訳後修飾 | Heavily O-glycosylated; expresses both type 1 and type 2 core glycans. Heavily N-glycosylated; expresses primarily high mannose and complex bisecting type N-linked glycans. May be phosphorylated. Phosphorylation of the intracellular C-terminal domain may induce proteolytic cleavage and the liberation of the extracellular domain into the extracellular space. May contain numerous disulfide bridges. Association of several molecules of the secreted form may occur through interchain disulfide bridges providing an extraordinarily large gel-like matrix in the extracellular space or in the lumen of secretory ducts. |
| 細胞内局在 | Cell membrane. Secreted > extracellular space. May be liberated into the extracellular space following the phosphorylation of the intracellular C-terminus which induces the proteolytic cleavage and liberation of the extracellular domain. |

画像



Formalin fixed paraffin embedded ovarian cancer tissue, staining MUC16 with ab697 in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MUC16 antibody [OV185:1] (ab697)

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