

抗抗增殖因子(GaINAC-TVPAVVVAC)[9G10-5-3]抗体

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产品英文名称

[Anti-Antiproliferative Factor \(GaINac-TVPAVVVAC\) \[9G10-5-3\] Antibody](#)

产品别名

[Kerafast独特的生物试剂](#)

货号/SKU

EVA004

货号/规格

100ug (1.11mg/mL)

库存与交货期

1-2周

人民币价格

10285

人民币价格说明

本商品人民币2024年销售价格正在调整中，请等待更新完毕。

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品牌

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产品基础信息

From the laboratory of Susan K. Keay, MD, PhD, Department of Veterans Affairs.

产品描述信息

Product Type:

Antibody

Antigen:	GalNAc-TVPAVVVAC
Molecular Weight:	1174 Da
Isotype:	IgG2bk
Clonality:	Monoclonal
Clone Name:	9G10-5-3
Immunogen:	KLH-conjugated glycosylated peptide
Species Immunized:	Mouse
Purification Method:	Protein A
Method Used to Determine Concentration:	OD280
Buffer:	PBS, pH 7.4
Tested Applications:	APF bioassay/dot blot
Concentration:	1.11mg/mL
Storage:	-80C
Shipped:	Dry Ice

产品安全信息

Siddiqui MA, Ambre S, Keay SK, Rhyne JM, Zhang CO, Barchi JJ Jr. GlycoaminoAcid Analogues of the Thomsen-Friedenreich Tumor-Associated Carbohydrate Antigen: Synthesis and Evaluation of Novel Antiproliferative Factor Glycopeptides. *ACS Omega*. 2017 Sep 30;2(9):5618-5632. doi: 10.1021/acsomega.7b01018. Epub 2017 Sep 8. PubMed PMID: 28983523; PubMed Central PMCID: PMC5623948. Keay SK, Zhang CO. Abnormal Akt signalling in bladder epithelial cell explants from patients with interstitial cystitis/bladder pain syndrome can be induced by antiproliferative factor treatment of normal bladder cells. *BJU Int*. 2016 Jul;118(1):161-72. doi: 10.1111/bju.13457. Epub 2016 Mar 29. PubMed PMID: 26919663. Kim J, Keay SK, You S, Loda M, Freeman MR. A synthetic form of frizzled8-associated antiproliferative factor enhances p53 stability through USP2a and MDM2. *PLoS One*. 2012;7(12):e50392. doi: 10.1371/journal.pone.0050392. Epub 2012 Dec 6. PubMed PMID: 23236372; PubMed Central PMCID: PMC3516501. Yang W, Kim Y, Kim TK, Keay SK, Kim KP, Steen H, Freeman MR, Hwang D, Kim J. Integration analysis of quantitative proteomics and transcriptomics data identifies potential targets of frizzled-8 protein-related antiproliferative factor in vivo. *BJU Int*. 2012 Dec;110(11 Pt C):E1138-46. doi: 10.1111/j.1464-410X.2012.11299.x. Epub 2012 Jun 28. PubMed PMID: 22738385; PubMed Central PMCID: PMC3461241. Keay S, Leitzell S, Ochrcin A, Clements G, Zhan M, Johnson D. A mouse model for interstitial cystitis/painful bladder syndrome based on APF inhibition of bladder epithelial repair: a pilot study. *BMC Urol*. 2012 Jun 8;12:17. PubMed PMID: 22682521; PubMed Central PMCID: PMC3459789. Koch KR, Zhang CO, Kaczmarek P, Barchi JJ Jr, Guo L, Shahjee HM, Keay S. The effect of a novel frizzled 8-related antiproliferative factor on in vitro carcinoma and melanoma cell proliferation and invasion. *Invest New Drugs*. 2012 Oct;30(5):1849-64. doi: 10.1007/s10637-011-9746-x. Epub 2011 Sep 20. PubMed PMID: 21931970. Yang W, Chung YG, Kim Y, Kim TK, Keay SK, Zhang CO, Ji M, Hwang D, Kim KP, Steen H, Freeman MR, Kim J. Quantitative proteomics identifies a beta-catenin network as an element of the signaling response to Frizzled-8 protein-related antiproliferative factor. *Mol Cell Proteomics*. 2011 Jun;10(6):M110.007492. doi: 10.1074/mcp.M110.007492. Epub 2011 Mar 21. PubMed PMID: 21422242; PubMed Central PMCID: PMC3108841. Keay S, Kaczmarek P, Zhang CO, Koch K, Szekely Z, Barchi JJ Jr, Michejda C. Normalization of proliferation and tight junction formation in bladder epithelial cells from patients with interstitial cystitis/painful bladder syndrome by D-proline and D-pipecolic acid derivatives of antiproliferative factor. *Chem Biol Drug Des*. 2011 Jun;77(6):421-30. doi: 10.1111/j.1747-0285.2011.01108.x. Epub 2011 Apr 27. PubMed PMID: 21352500. Shahjee HM, Koch KR, Guo L, Zhang CO, Keay SK. Antiproliferative factor decreases Akt phosphorylation and alters gene expression via CKAP4 in T24 bladder carcinoma cells. *J Exp Clin Cancer Res*. 2010 Dec 10;29:160. doi: 10.1186/1756-9966-29-160. PubMed PMID: 21143984; PubMed Central PMCID: PMC3020166. Kim J, Ji M, DiDonato JA, Rackley RR, Kuang M, Sadhukhan PC, Mauney JR, Keay SK, Freeman MR, Liou LS, Adam RM. An hTERT-immortalized human urothelial cell line that responds to anti-proliferative factor. *In Vitro Cell Dev Biol Anim*. 2011 Jan;47(1):2-9. doi: 10.1007/s11626-010-9350-y. Epub 2010 Dec 7. PubMed PMID: 21136194; PubMed Central PMCID: PMC3029472. Kaczmarek P, Tocci GM, Keay SK, Adams KM, Zhang CO, Koch KR, Grkovic D, Guo L, Michejda CJ, Barchi JJ Jr. Structure-Activity Studies on Antiproliferative Factor (APF) Glycooctapeptide Derivatives. *ACS Med Chem Lett*. 2010 Jul 19;1(8):390-4. doi: 10.1021/ml100087a. eCollection 2010 Nov 11. PubMed PMID: 24900223; PubMed Central PMCID: PMC4007904. Sun Y, Keay S, Lehrfeld TJ, Chai TC. Changes in adenosine triphosphate-stimulated ATP release suggest association between cytokine and purinergic signaling in bladder urothelial cells. *Urology*. 2009 Nov;74(5):1163-8. doi: 10.1016/j.urology.2009.02.066. Epub 2009 Jul 22. PubMed PMID: 19628257; PubMed Central PMCID: PMC2777753. Planey SL, Keay SK, Zhang CO, Zacharias DA. Palmitoylation of cytoskeleton-associated protein 4 by DHHC2 regulates antiproliferative factor-mediated signaling. *Mol Biol Cell*. 2009 Mar;20(5):1454-63. doi: 10.1091/mbc.E08-08-0849. Epub 2009 Jan 14. PubMed PMID: 19144824; PubMed Central PMCID: PMC2649263. Kim J, Keay SK, Freeman MR. Heparin-binding epidermal growth factor-like growth factor functionally antagonizes interstitial cystitis antiproliferative factor via mitogen-activated protein kinase pathway activation. *BJU Int*. 2009 Feb;103(4):541-6. doi: 10.1111/j.1464-410X.2008.08097.x. Epub 2008 Oct 16. PubMed PMID:

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Percutaneous sacral third nerve root neurostimulation improves symptoms and normalizes urinary HB-EGF levels and antiproliferative activity in patients with interstitial cystitis. *Urology.* 2000 May;55(5):643-6. PubMed PMID: 10792070. If you publish research with this product, please let us know so we can cite your paper.

主要内容

该小鼠单克隆抗体是针对胱抑素的单糖抗增殖因子 (APF) 衍生物 (Galnac-TVaaavvvvac) 产生的, 并识别一糖 APF 衍生物。胱抑素 (APF) 是含有跨膜段的低分子量, 热稳定的唾液糖肽毛躁 8。它由患者的膀胱上皮细胞被称为间质膀胱炎 (IC) 的膀胱上皮细胞, 由于溃疡, 出血和膀胱上皮细化而导致慢性疼痛。APF 通过抑制膀胱细胞增殖来促进 IC 的病理学, 并显示出调节膀胱癌细胞的增殖。最近, CKAP4 / P63 被鉴定为 APF 的受体, 但其活性是如何介导的。通过苏珊 K. 柯伊, MD, 博士, 退伍军人事务部的实验室。

厂牌介绍

关于 Kerafast Inc.

Kerafast 是一家位于波士顿的试剂公司, 其主要使命是为 QuanQiu 科学界提供易于使用的独特实验室研究工具。我们的产品组合包括细胞系、抗体、小分子、染料等, 其中许多在其他地方无法获得。自 2011 年成立以来, 来自 [全球 190 多个机构](#) 的研究人员通过我们的在线平台提供了他们的创新试剂, 无需通过传统的材料转让协议流程即可快速获取材料。

我们处理提供实验室的所有销售和运输物流, 并从每次销售中返还丰厚的特许权使用费。因此, 我们帮助提供实验室节省时间和资源, 同时为进一步研究提供额外资金。采购科学家可以更轻松地发现和获取其他地方通常无法获得的独特试剂, 同时还可以资助其他研究人员的工作。这创建了一个 QuanQiu 科学家社区, 他们贡献和获取 *Reagent for the*

Greater Good, 以加速他们自己的研究以及整体科学进步。

2018年, Kerafast 与 [Absolute Antibody](#) 合并, 后者是一家总部位于英国的公司, 其愿景是为所有研究人员提供重组抗体技术。 [此次合并](#) 将两家公司聚集在一起, 共同致力于改善科学界可用的研究工具的选择。

品牌标识



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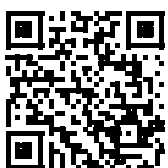
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