

免疫球蛋白抗原 Immunoglobulines Antigen

规格: 10mg/100mg

保存: -20℃保存, 有效期至少 2 年。

产品说明:

免疫球蛋白 (IgG) 广泛地应用于免疫学及分子生物学中各个分支学科的研究领域, 它即可作为大分子球蛋白用于生物化学的研究, 也可以作为抗原用于免疫学和临床医学之中。

本产品采用亲和层析的方法, 纯化各种人与动物血清 IgG (冷冻干燥或液体制成)。每种产品可达到免疫电泳、聚丙烯酰胺凝胶电泳纯度要求。

冻干粉中有保护免疫球蛋白的盐类 (不影响实验), 每毫克干粉中免疫球蛋白所占比例见标签说明。

主要性能:

纯度, PAGE, 90%以上 (本品总蛋白中 90%以上为 IgG); 抗原性, 免疫电泳法 85~95%; 用 0.01mol/L pH7.4 PBS 溶解时, 如有溶解不完全现象, 可加入 0.1N NaOH 几滴助溶即可。

应用范围:

- 1、可作参考蛋白, 分子量约 160kD;
- 2、参考抗原, 如药物试验中观察免疫效果, 用 IgG 作参考抗原。

相关产品:

SP034 兔IgG免疫球蛋白抗原

SPA131 羊抗小鼠IgG(纯化)

SA134 羊抗兔IgG(免疫血清)

相关文献:

- [1] Yuling Wang, Furao Liu, Juntao Cao, et al. Spatial-resolved dual-signal-output electrochemiluminescent ratiometric strategy for accurate and sensitive immunoassay. *BioSensors and Bioelectronics*. April 2018. (IF 9.518)
- [2] Juntao Cao, Jiujun Yang, Lizhen Zhao, et al. Graphene oxide@gold nanorods-based multiple-assisted electrochemiluminescence signal amplification strategy for sensitive detection of prostate specific antigen. *BioSensors and Bioelectronics*. January 2018. (IF 9.518)
- [3] Wei Zhang, Yan Tang, Jia Liu, et al. An electrochemical sensor for detecting triglyceride based on biomimetic polydopamine and gold nanocomposite. *Journal of Materials Chemistry B*. March 2019. (IF 4.776)
- [4] Peizhe Tang, Shengjun Ma, Mingfeng Dong, et al. Effect of interleukin-6 on myocardial regeneration in mice after cardiac injury. *Biomedicine & Pharmacotherapy*. October 2018. (IF 3.743)
- [5] Fang Cao, Haitao Wu, Tongtong Lv, et al. Molecular and biological characterization of gamma-interferon-inducible lysosomal thiol reductase in silver carp (*Hypophthalmichthys molitrix*). *Fish & Shellfish Immunology*. August 2018. (IF 3.298)
- [6] Lei Dou, Qifang Yan, Panpan Liang, et al. iTRAQ-Based Proteomic Analysis Exploring the Influence of Hypoxia on the Proteome of Dental Pulp Stem Cells under 3D Culture. *Proteomics*. January 2018. (IF 3.106)