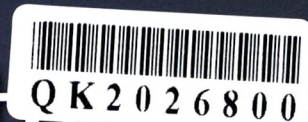




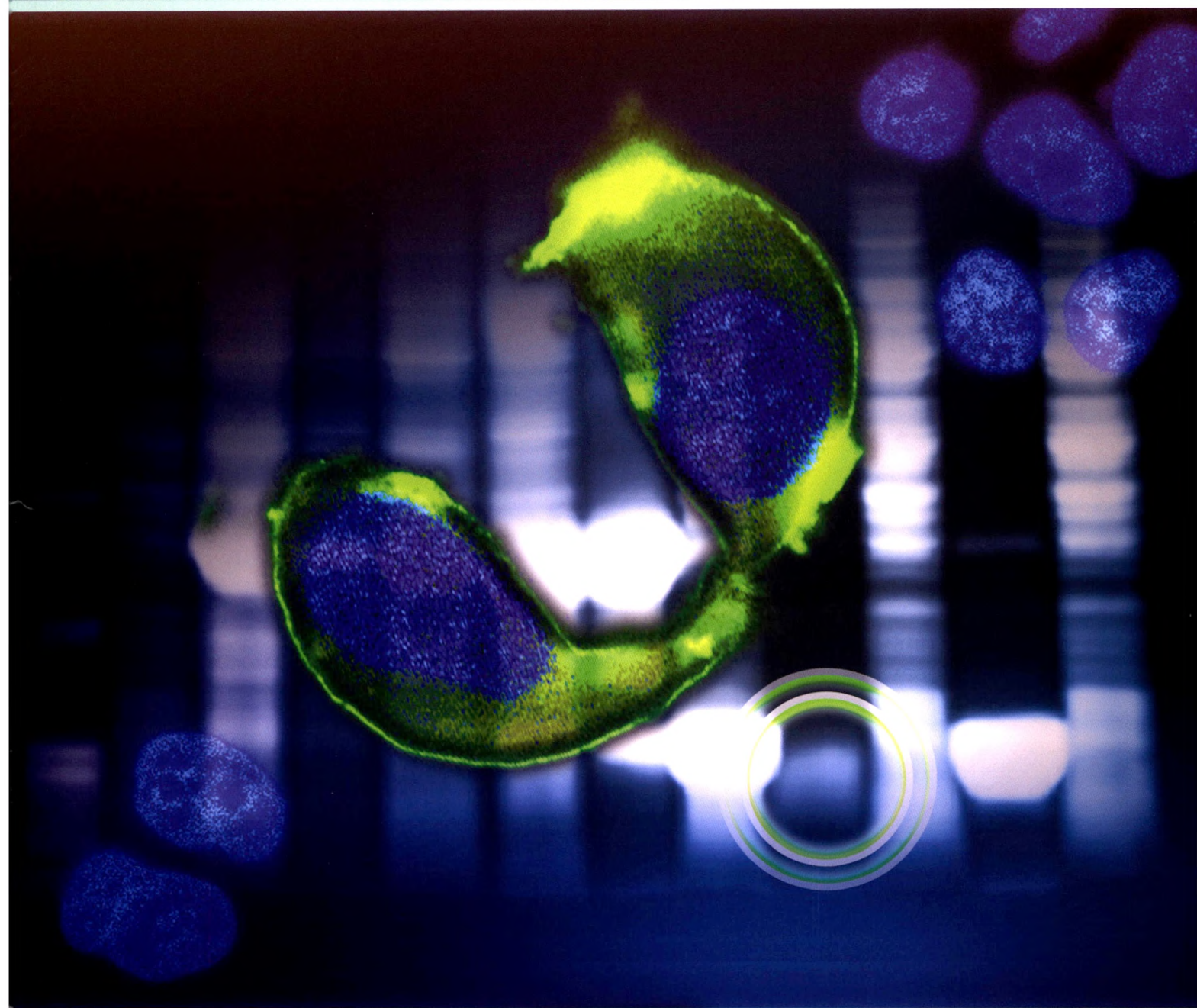
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封面图片:图片为抗 MVF-HER3 I 多抗结合 HER3 高表达的乳腺癌 MCF7 细胞。用含 HER3 二聚化界面 B 细胞表位的重组肽 MVF-HER3 I 为抗原免疫大鼠获得的多克隆抗体为一抗、免疫前大鼠血清多抗为阴性对照、Dylight488 标记的山羊抗大鼠抗体为二抗,激光共聚焦显示,核染清晰,绿色荧光主要分布于 MCF7 细胞的细胞膜上,提示抗 MVF-HER3 I 多抗可识别并结合细胞膜上的 HER3(朱 磊^{1,2,3,4},¹安徽省多糖药物工程技术研究中心,²皖南医学院药物研发中心,³活性生物大分子研究安徽省重点实验室,⁴皖南医学院药物筛选与评价研究所,正文见本期 806~813 页)。

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Cover image: Provided by ZHU Lei^{1,2,3,4}, ¹Anhui Provincial Engineering Research Center for Polysaccharide Drugs, ²Drug Research & Development Center, Wannan Medical College, ³Anhui Province Key Laboratory of Active Biological Macromolecules, ⁴Research Institute for Pharmaceutical Screening & Evaluation, Wannan Medical College. The image shows the binding of anti-MVF-HER3 I polyclonal antibodies(PcAb) to MCF7 cells overexpressing HER3. The anti-MVF-HER3IPcAb, obtained by immunizing rats with the recombinant peptide MVF-HER3 I containing the B cell epitope of the HER3 dimerization interface, is the primary antibody. The PcAb from the non-immunization rat serum is the negative control, and the goat anti-rat antibody labeled with Dylight488 is the secondary antibody. Laser confocal experiment indicates that nuclear staining is clear and the green fluorescence is mainly distributed on the cell membrane of MCF7 cells, suggesting that anti-MVF-HER3 I PcAb can recognize and bind HER3 on the cell membrane. See full-text article on page 806-813 in this issue.

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