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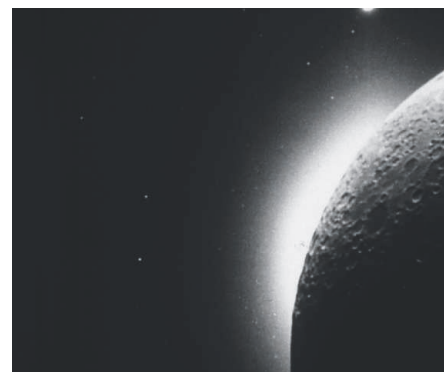
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**COVER**

Structural model showing the electron density surface of immunoglobulin G, a major antibody subtype. The human immune system generates a diversity of these Y-shaped antibodies that recognize foreign molecules and directly neutralize the targeted invaders or tag them for destruction. Antibodies that bind one or more specific targets are being harnessed in the treatment of disease and are informing vaccine design. See page 1191.

*Image: Alfred Pasiaka/Science Source*

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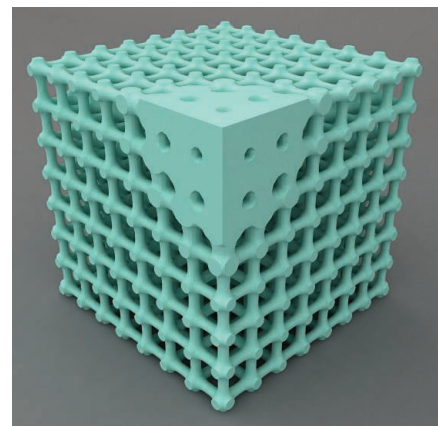
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