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COVER Immunofluorescence photomicrograph of vacuoles containing the parasite *Toxoplasma gondii* inside a Chinese hamster ovary cell stably transfected with murine Fc receptors. Infected cells were stained with an antibody to a lysosomal glycoprotein (lgp). Only parasites coated with antibody before internalization reside in lgp-stained vacuoles, indicating that route of parasite entry determines fusion competence of the vacuole. See page 641. [Photograph by Philippe Male, Yale University]

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