Let $E$ be an elliptic curve defined over a number field. In this talk, we will address the following question: if the reduction of $E$ modulo almost all primes has a rational cyclic isogeny of degree $N$, is $E$ forced to as well? Building on the work of Sutherland, Anni, and Banwait–Cremona when $N$ is prime, we will focus on the case that $N$ is composite. (Received September 14, 2019)