The main goal of the paper is to study empirically the determinants of foreign firms location in Polish regions. To derive testable hypotheses on the firm location choice a modified theoretical framework proposed by Head and Ries (1996) is used. In this framework, agglomeration economies, technical infrastructure, and labor market characteristics may affect location decisions of foreign investors. The hypotheses derived from the theory are validated empirically using the regional dataset at NUTS II level of spatial aggregation for the period 1999-2010. Although the estimation results confirmed the importance of agglomeration externalities for all types of firms at the same time however they revealed that significant heterogeneity among the firms exists with respect to the location determinants.