

Abstract

Transmembrane adaptor proteins are group of proteins, which lack intrinsic enzymatic activity, but they share similar structure. They play essential role in signal transduction, because they are able to recruit cytoplasmic proteins to proximity of plasma membrane and thus trigger signal pathways. In this review I mainly focused on these, which were not reviewed for a long time, or were recently discovered and I am trying to summarise current knowledge about roles of these proteins in leukocyte signalling.

Key words: transmembrane adaptor proteins, receptor signaling, immunoreceptors