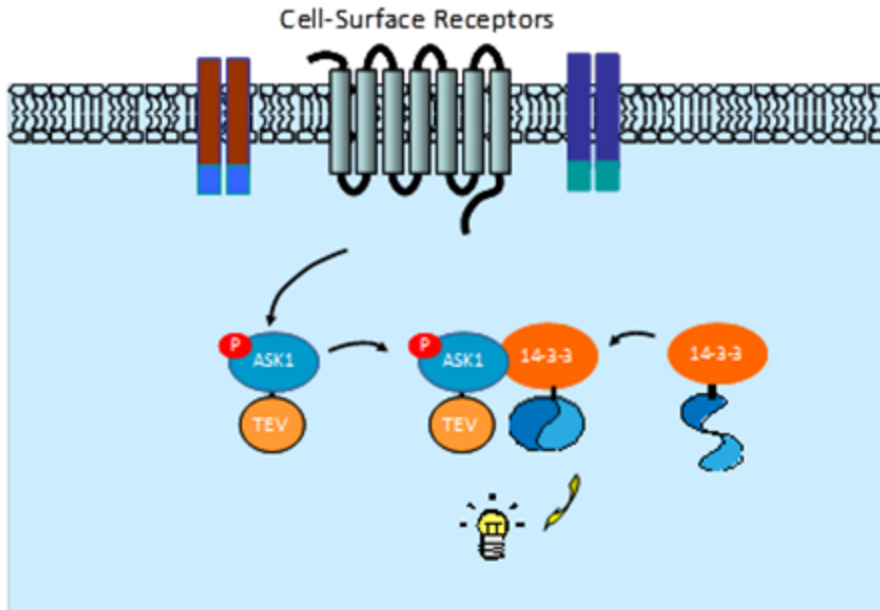


# ASK1/14-3-3 LinkLight Assay

## LinkLight ASK1/14-3-3 Assay



ASK1 and 14-3-3 association is inducible in cell cultures by fetal bovine serum (FBS), IL1 $\beta$  and TNF $\alpha$ , implying the interactions are physiologically relevant events. Presumably, activation of cell surface receptors in cells leads to ASK1/ 14-3-3 interaction.

Pan-kinase inhibitor staurosporine inhibited ASK1/14-3-3 interaction signals (with 10% FBS). However, ASK1 kinase inhibitors MSC2032964A and Selonsertib behave differently in LinkLight assays. MSC2032964A acts as stimulator, whereas selonsertib acts as a blocker inhibiting ASK1/14-3-3 association. These ASK1 inhibitors likely have different mode of action. Therefore, ASK1 LinkLight assays provide new opportunities for identifying novel ASK1 inhibitors and modulators.

