• 4-1BB/CD137, a costimulatory receptor expressed on activated T cells, is implicated in promoting T-cell survival, proliferation, and cytokine expression in preclinical studies.
  
  o 4-1BB stimulated T cells can directly destroy tumor cells upon antigen detection.
  
  o Stimulation of 4-1BB/CD137 can also result in durable antitumor protective T-cell memory responses.

• In preclinical studies, 4-1BB/CD137 agonism showed anti-tumor activity by itself and in combination with multiple agents, including anti-CD-20, anti-PD-1, anti-OX40, anti-Tim-3, vaccines/anti-CTLA4, IFNa, oncolytic viruses, and radiotherapy.

References: