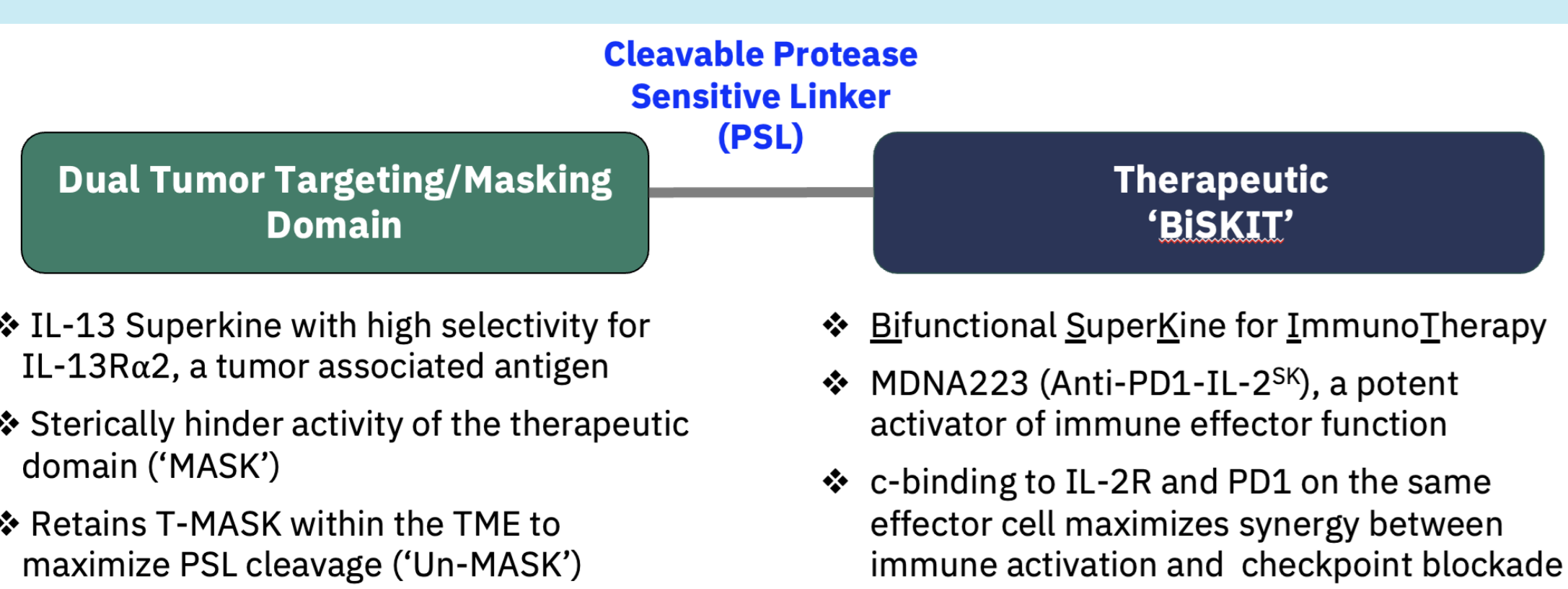


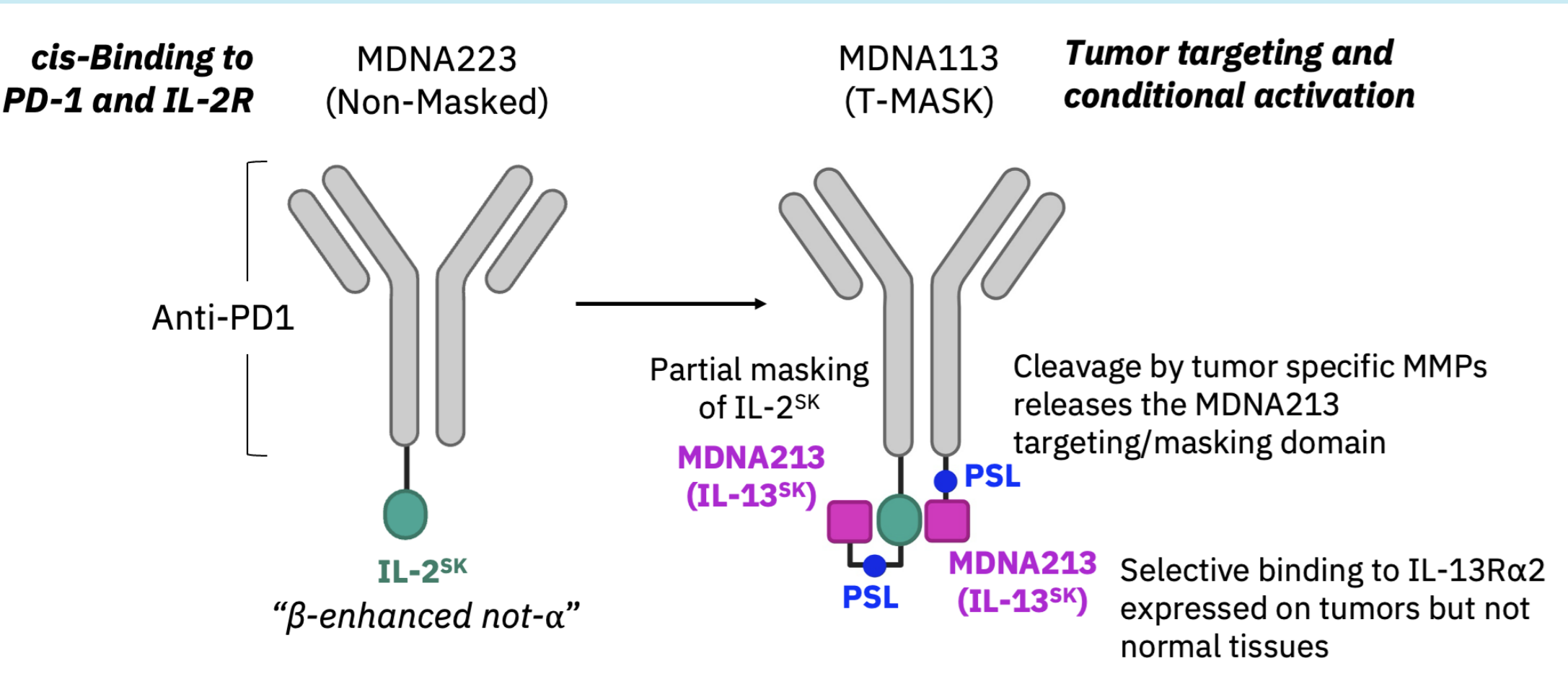
Distinctive Features of the T-MASK Platform

T-MASK (Targeted Metallo/Protease Activated SuperKine) designed to:

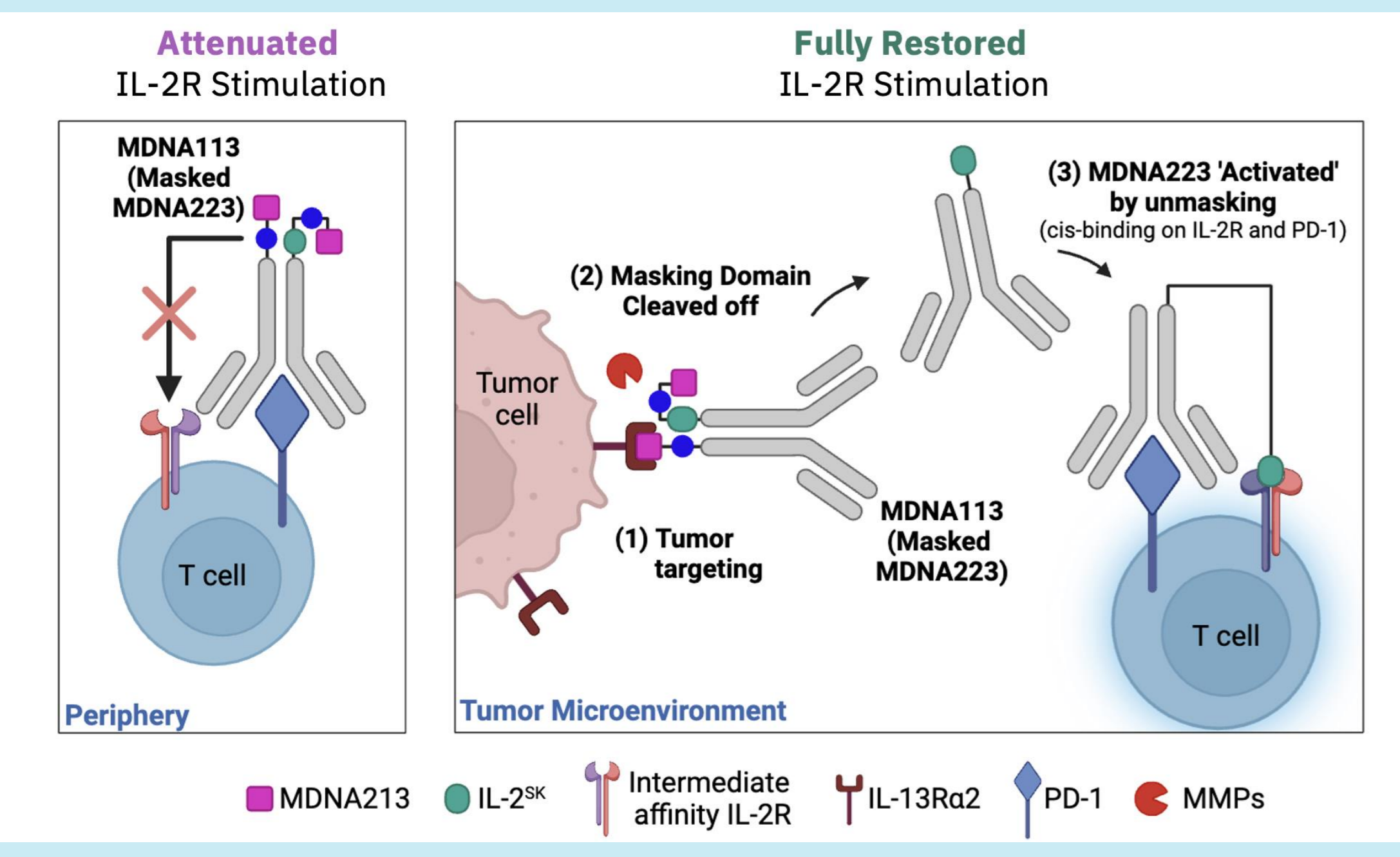
- Minimize risk of systemic toxicity
- Maximize therapeutic activity at the tumor site



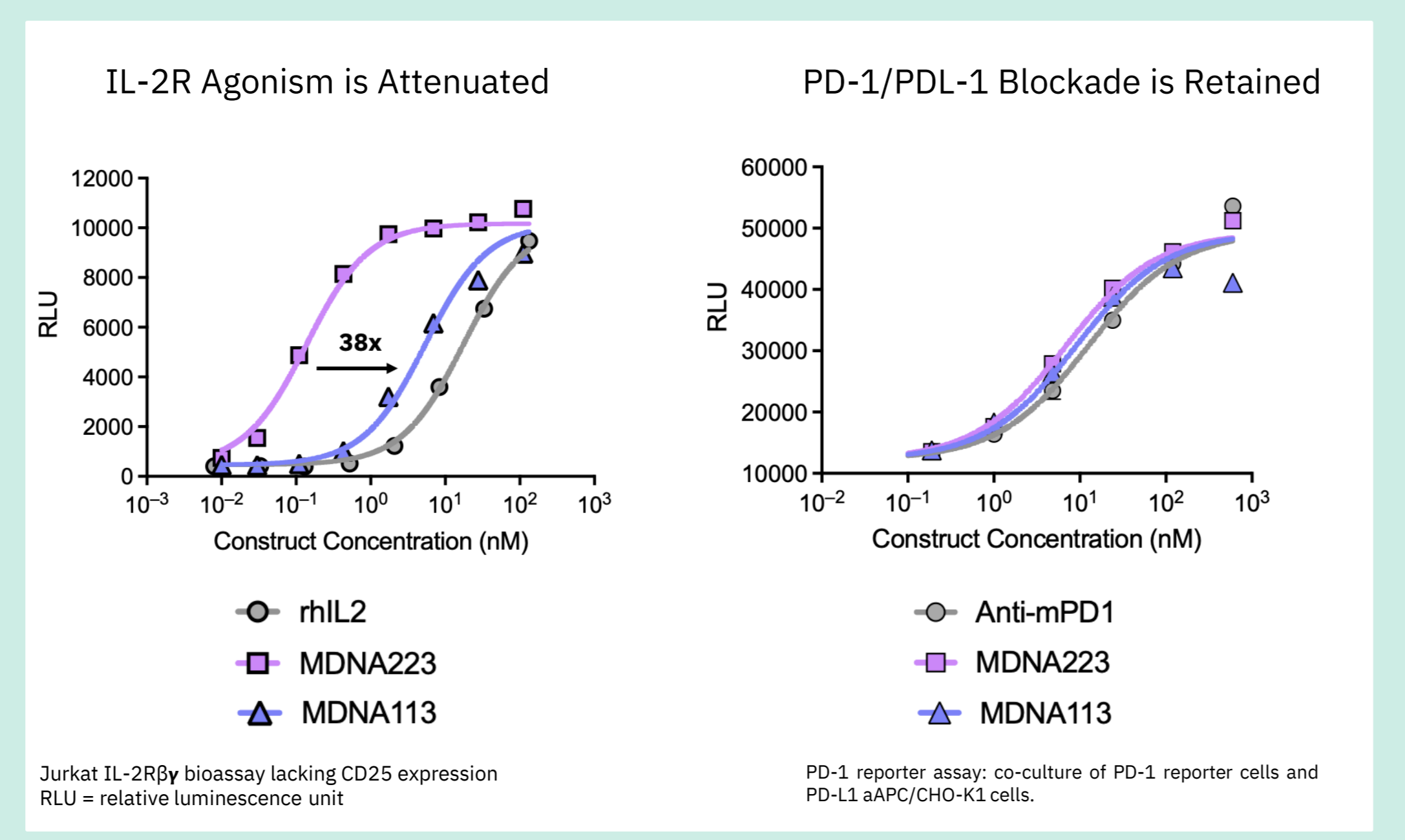
MDNA113 is a Masked IL-13^{SK} Tumor Targeting Anti-PD1-IL-2^{SK}



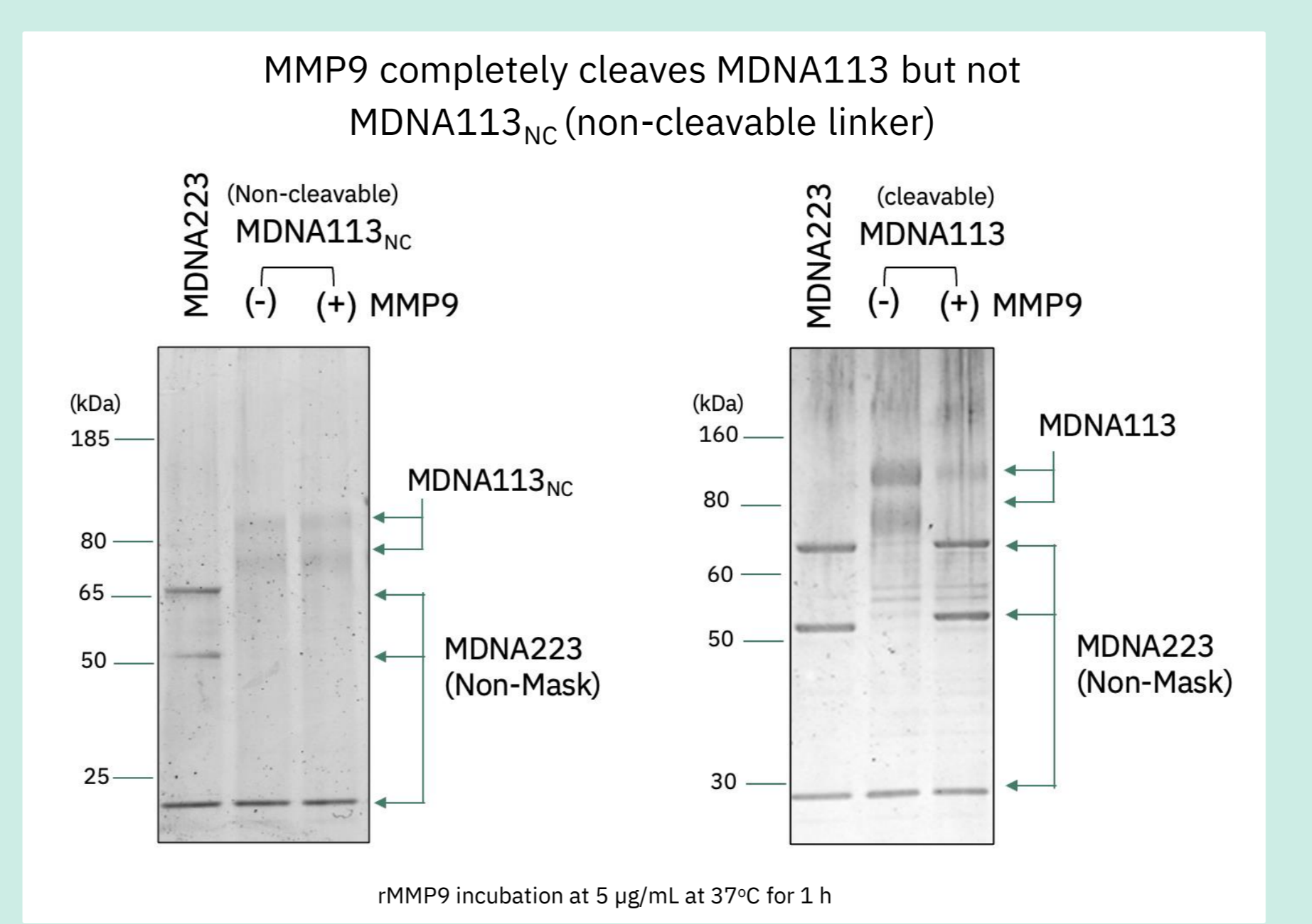
Mechanism of Action



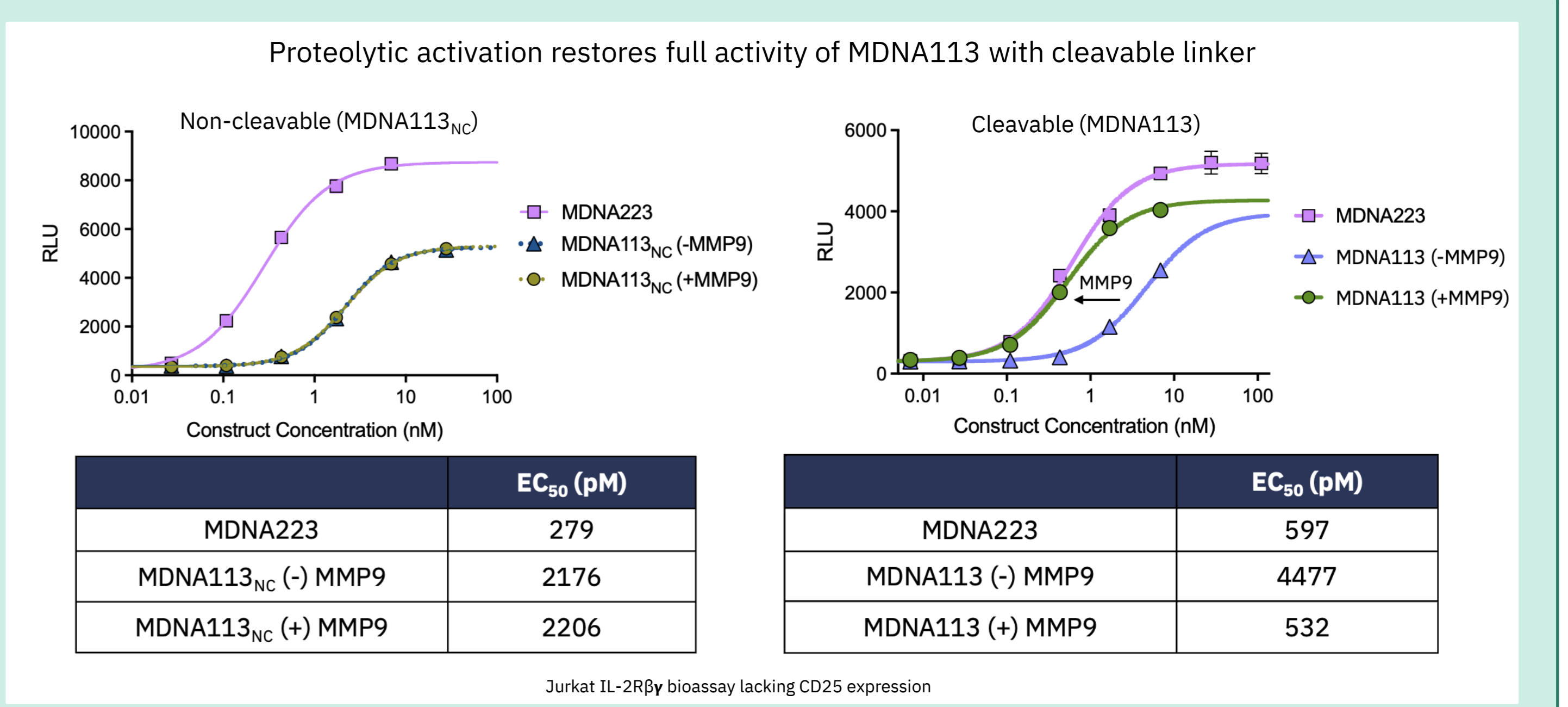
MDNA113: Attenuated IL-2R Signaling with Intact PD-1/PDL-1 Immune Blockade



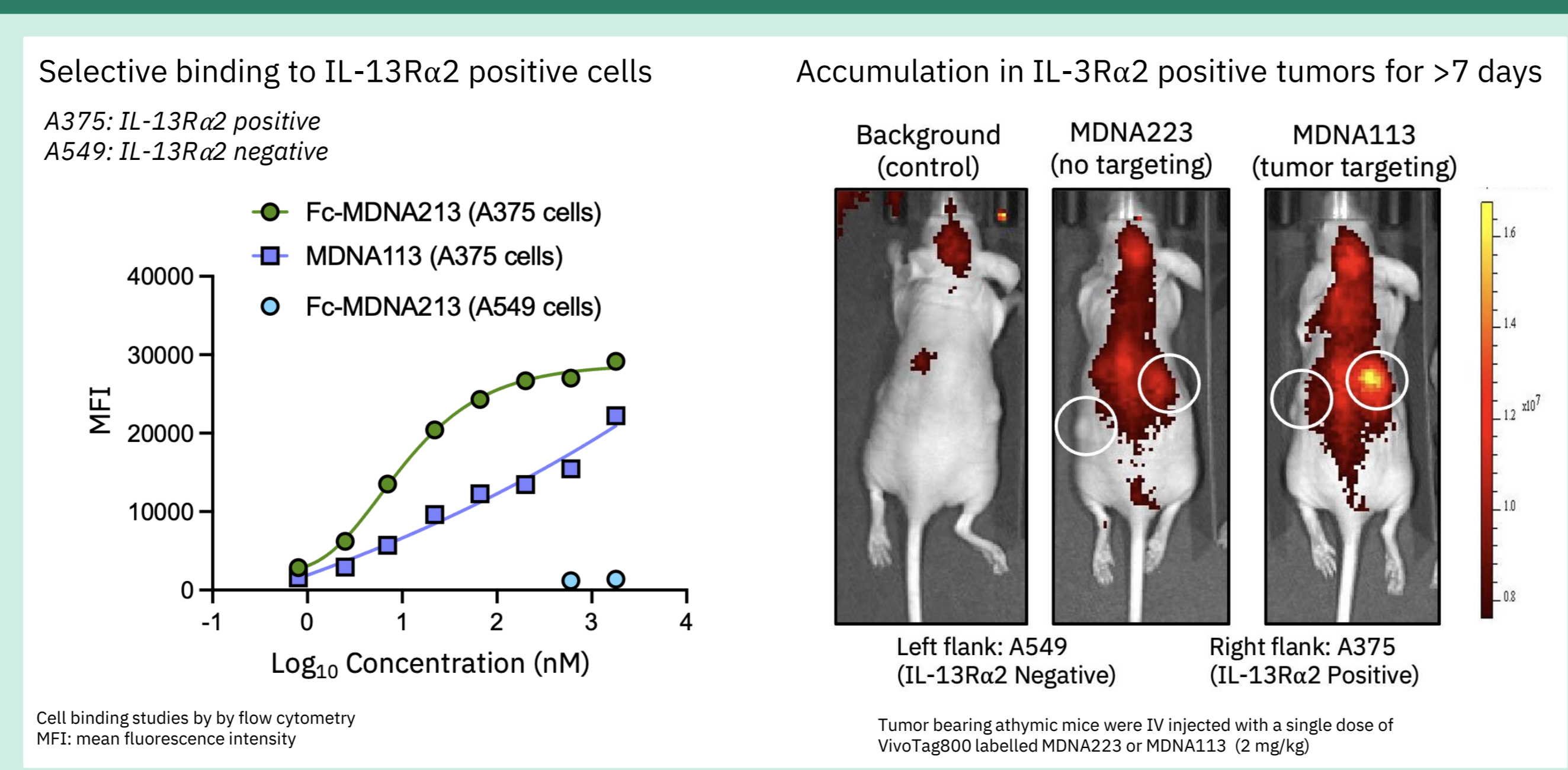
MMP9 Cleavage of MDNA113 Releases the MDNA213 MASK Domain



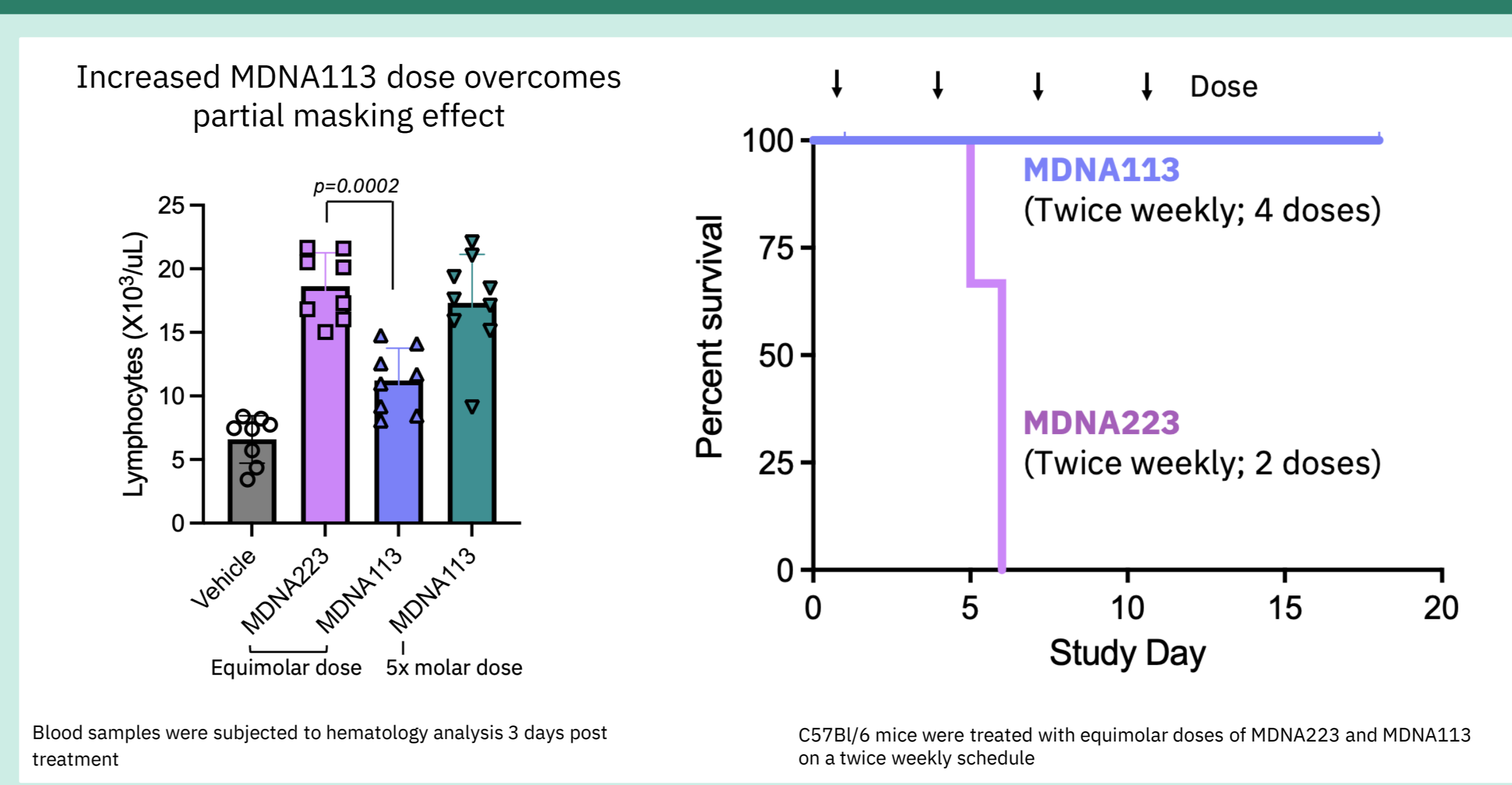
MMP9 Cleavage Fully Restores IL-2R Agonism to MDNA113



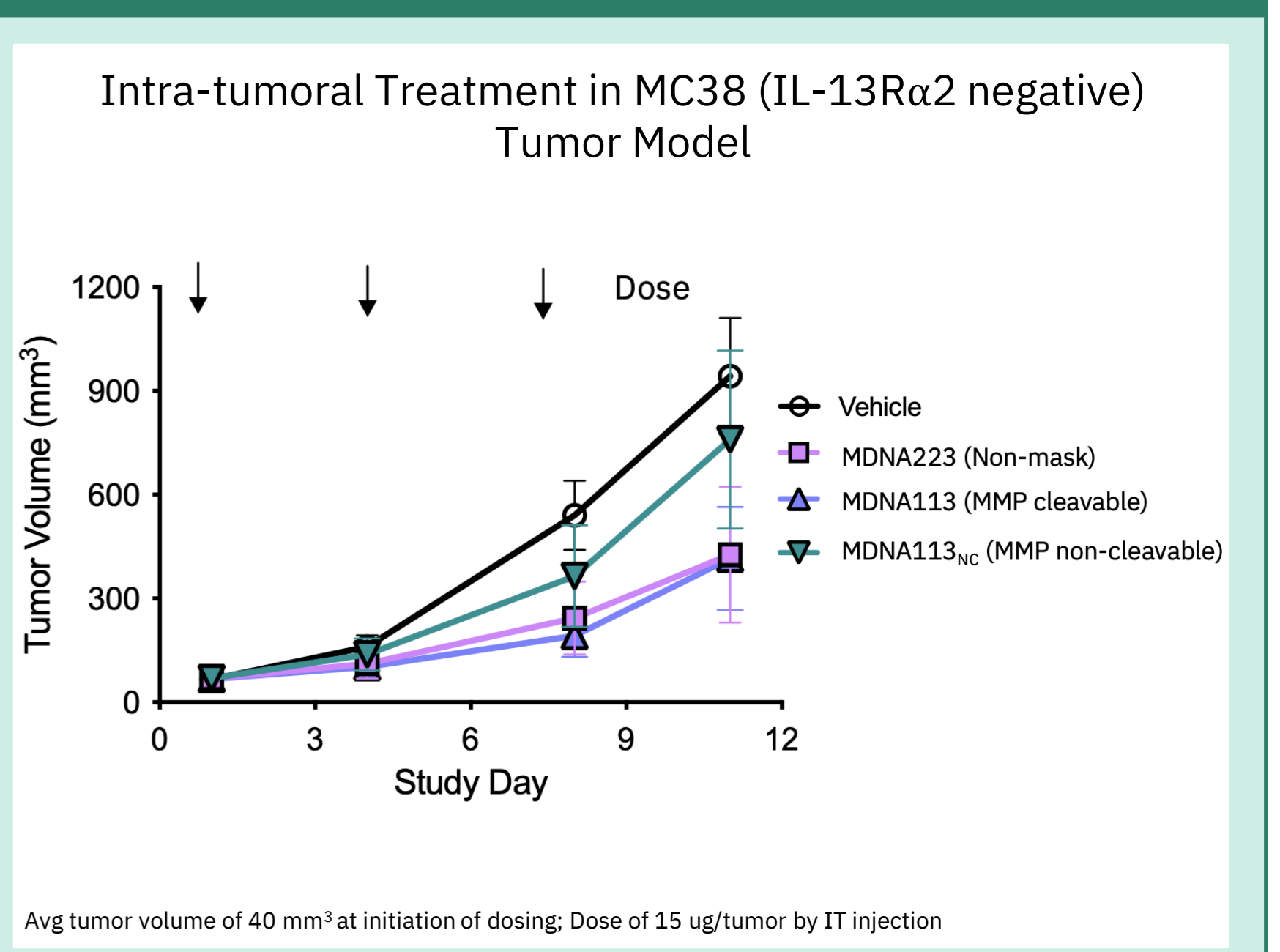
Selective and Durable Accumulation of MDNA113 in IL-13Rα2 Positive Tumors



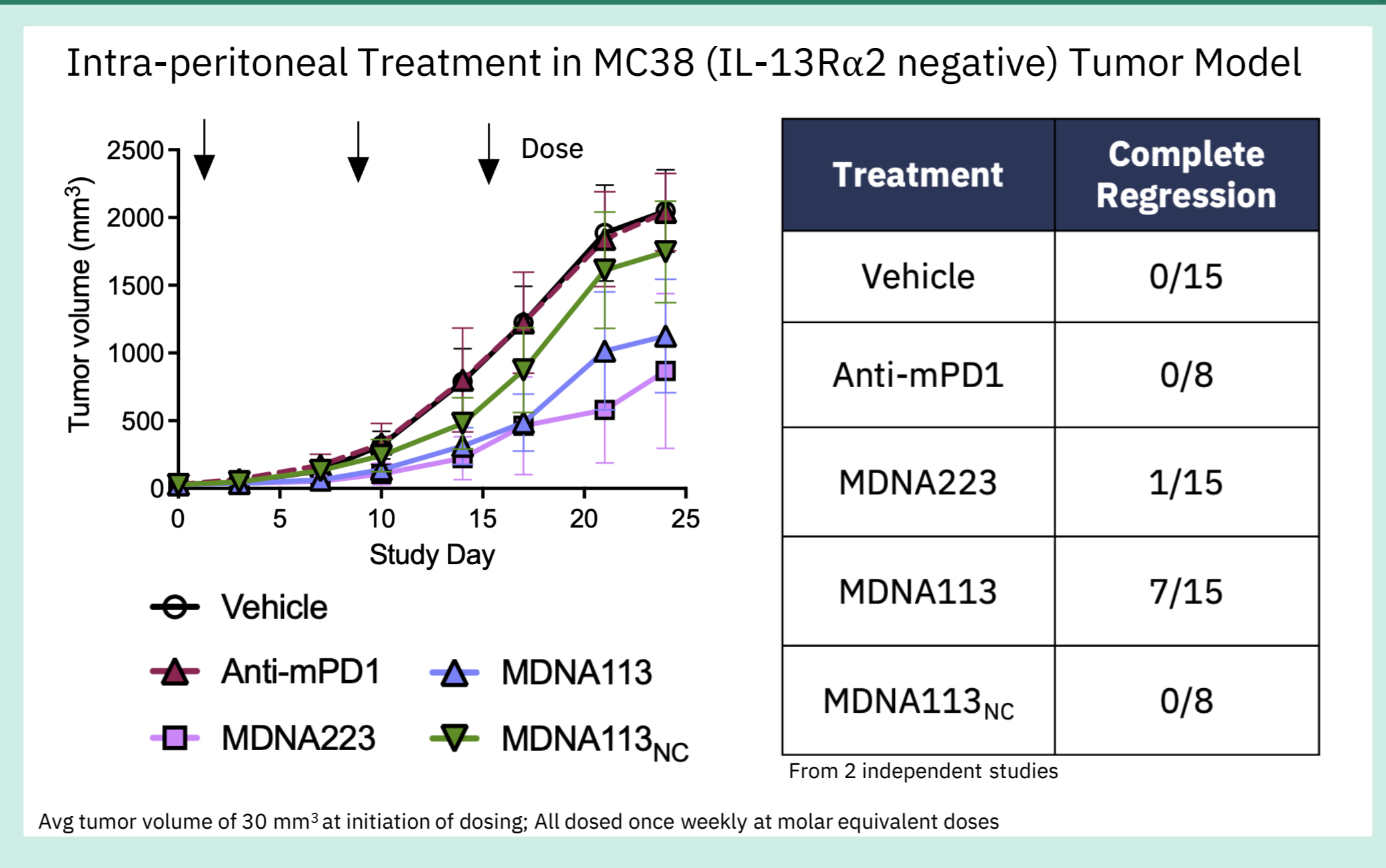
Masking with MDNA213 Attenuates Peripheral Lymphocyte Expansion and Demonstrates Greater In Vivo Tolerability



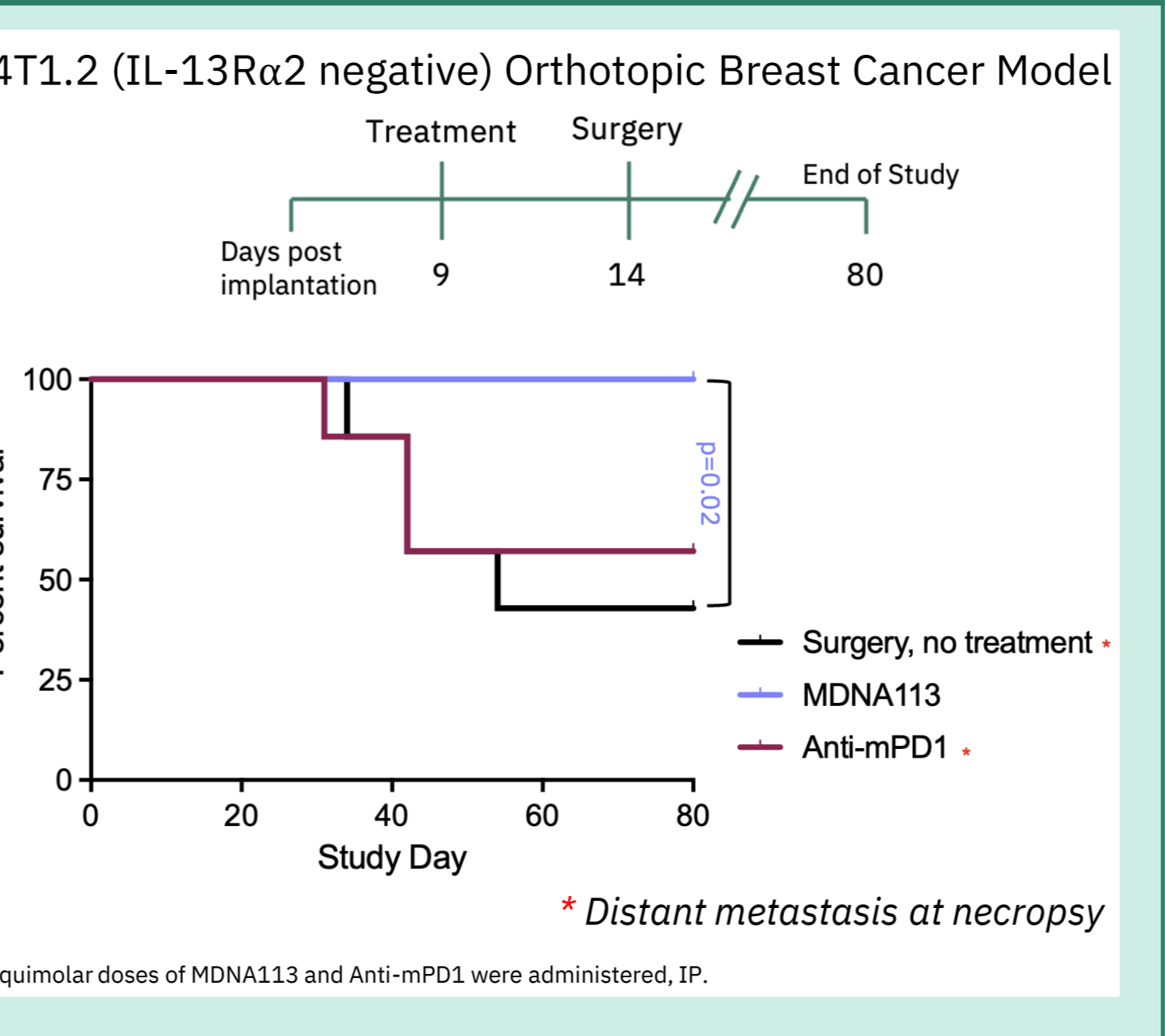
Proteolytic Activation of MDNA113 within Tumors Potentiates In Vivo Efficacy



Systemic MDNA113 Treatment Shows Potent Tumor Inhibition



Single Neo-adjuvant Treatment with MDNA113 Provides Survival Benefit



Summary

- MDNA113 exhibits attenuated IL-2R stimulation without altering PD1/PDL-1 blockade activity *in vitro*.
- MMP cleavage of MDNA113 releases the MASK domain (MDNA213), restoring IL-2R signaling *in vitro*.
- MDNA113 selectively binds IL-13Rα2 positive tumor cells *in vitro* and durably accumulates (>7 days) in IL-13Rα2 positive tumors in mice.
- MDNA113 is better tolerated than non-masked counterpart (MDNA223), supporting higher dose and more frequent dosing schedule.
- Cleavable MDNA113 shows similar efficacy as non-masked MDNA223, consistent with proteolytic activation within TME.
- Single neoadjuvant treatment with MDNA113 in a highly invasive orthotopic 4T1.2 breast cancer model significantly increases survival by preventing metastasis.
- T-MASK is a highly versatile platform with unique tumor targeting and conditionally activatable features to mitigate risk of systemic toxicity and maximize therapeutic activity at tumor site

