Inclusion

Age \geq 18 years old

ECOG 0 or 1

Locally advanced, unresectable or metastatic non-squamous NSCLC not eligible for curative surgery and/or definitive chemoradiotherapy No prior treatment for metastatic disease and treatment-free interval of 12 months for curative/definitive treatment of non-metastatic disease Availability of tumor specimens in FFPE blocks or ≥15 slides (patients with 10-14 slides may be eligible with Medical Monitor approval) PD-L1 status by local sp263 or local 22c3 or central sp263 (if acceptable local test unavailable) must be known prior to enrollment If central assessment of ALK/EGFR status is required, an additional 5 slides must be submitted Measurable disease per RECIST v1.1 Negative test for HIV; negative serology for active HBV or HCV Patients must have adequate hematology and end-organ function, defined by the following laboratory results, within 14 days of C1D1: $ANC \ge 1.5 \ 109/L \ (1500/uL)$ Lymphocyte count $\geq 0.5 \times 109/L (500/uL)$ Platelet count \geq 100 x 109/L (100,000/uL) without transfusion Hemoglobin \geq 90 g/L (9 g/dL) 1 INR or aPTT $\leq 1.5 \times ULN2$ AST, ALT, and ALP $\leq 2.5 \times ULN3$ Total bilirubin $\leq 1.5 \times ULN4$ Creatinine Clearance \geq 40 mL/min (\geq 60 mL/min for cisplatin) Albumin $\geq 25 \text{ g/L} (2.5 \text{ g/dL})$