TECHNICAL DATA SHEET

Research use only. Not for use in diagnostic procedures.

AlphaLISA® *SureFire® Ultra™* Terbium

Human and Mouse p-SMAD3 (Ser423/425) Detection Kit

Product number: TBSU-PSM3-A500, TBSU-PSM3-A10K

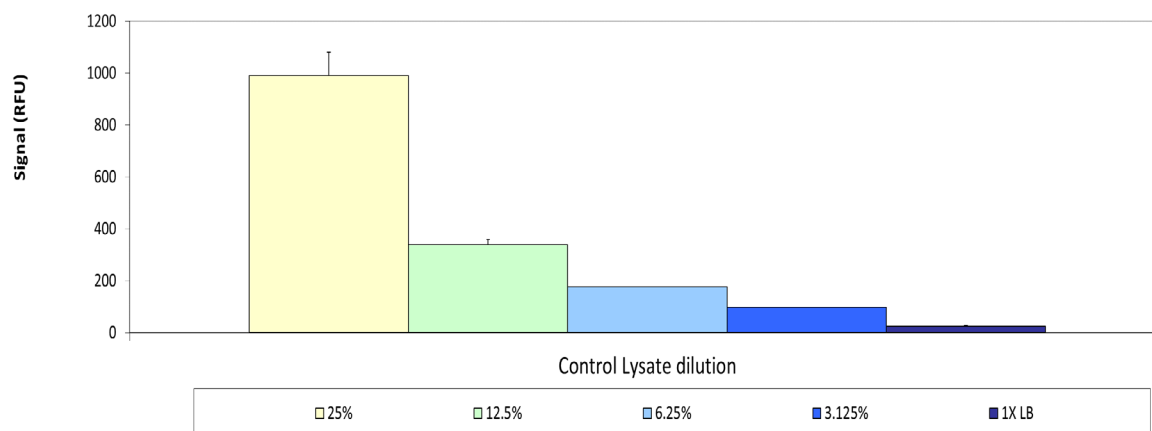TBSU-PSM3-A50K, TBSU-PSM3-A-HV

Kit specificity:

This assay kit contains antibodies which recognize the phospho-Ser423/425 epitope and a distal epitope on SMAD3. The protein detected by this kit corresponds to UniProt ID P84022. SMAD3 is also known as Mothers against decapentaplegic homolog 3, JV15-2 and MAD homolog 3. These antibodies recognize SMAD3 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from RAW 264.7 cells cultured to confluence in T175 flasks in 10% FBS containing medium, treated with 10 ng/mL rh-TGF-β for 90 minutes and lysed with 6 mL of Lysis Buffer.

Representative data

Data obtained from the positive control lysate diluted in Lysis Buffer. Samples were assayed for Phospho SMAD3 (Ser423/425) using the Terbium *SureFire Ultra* kit.