FigS3_new.tif

**Supplemental Figure 3.** Inhibition of mouse cathepsin B by mouse cystatin M/E. BMV109 labels the active cysteine cathepsins cathepsin B (CTSB) and cathepsin X (CTSX) in B16F10 cell lysates (murine melanoma cells). Lane 1, no inhibitor; lane 2, E64 (pan-cathepsin inhibitor, 30 µM); lane 3, CA-074 (cathepsin B inhibitor, 10 µM); lane 4, Z-FY (t-BU)DMK (cathepsin L inhibitor, 10 µM); lane 5, NEM (pan-cathepsin inhibitor, 90 mM); lane 6, DCG-04 (pan-cathepsin probe, 300 µM); lane 7, mouse cystatin M/E (18 µM); and lane 8, heat inactivation. M = Precision Plus Protein Dual Color marker (Biorad), kDa = kilo Dalton