Title

DPP8 is a novel therapeutic target for multiple myeloma

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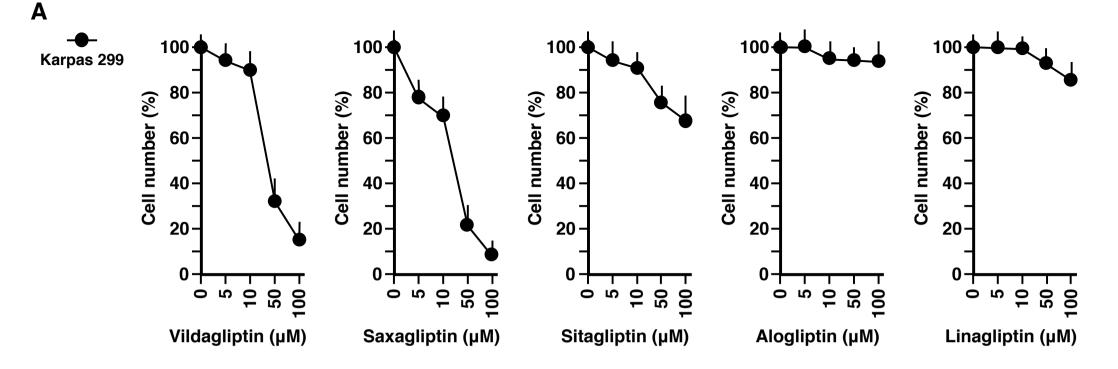
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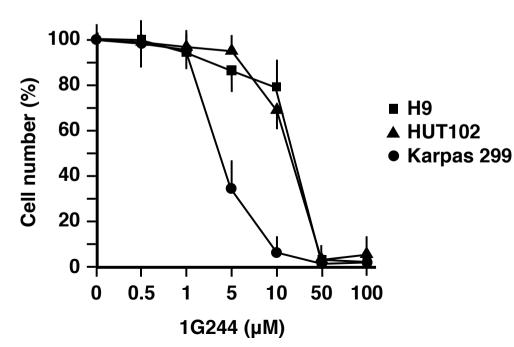
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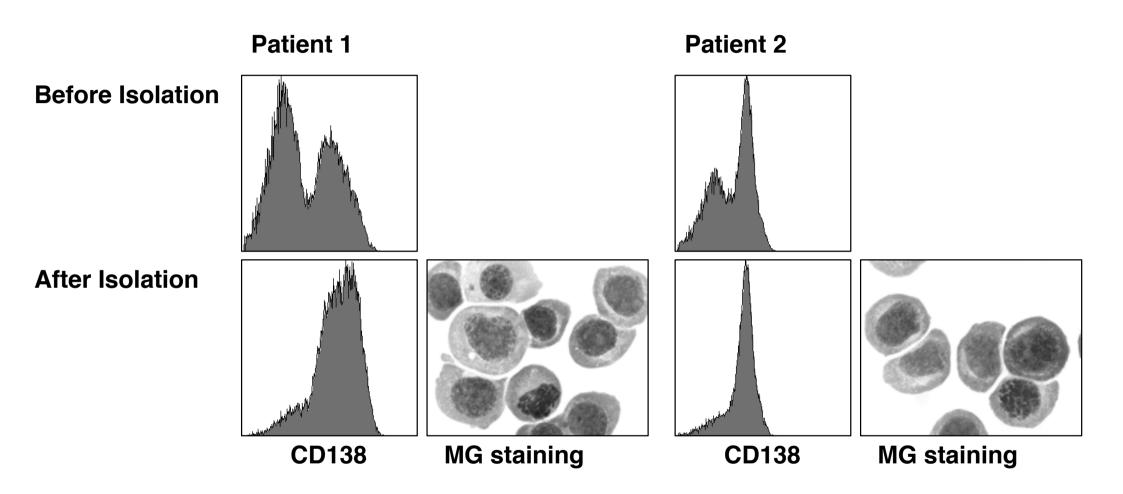
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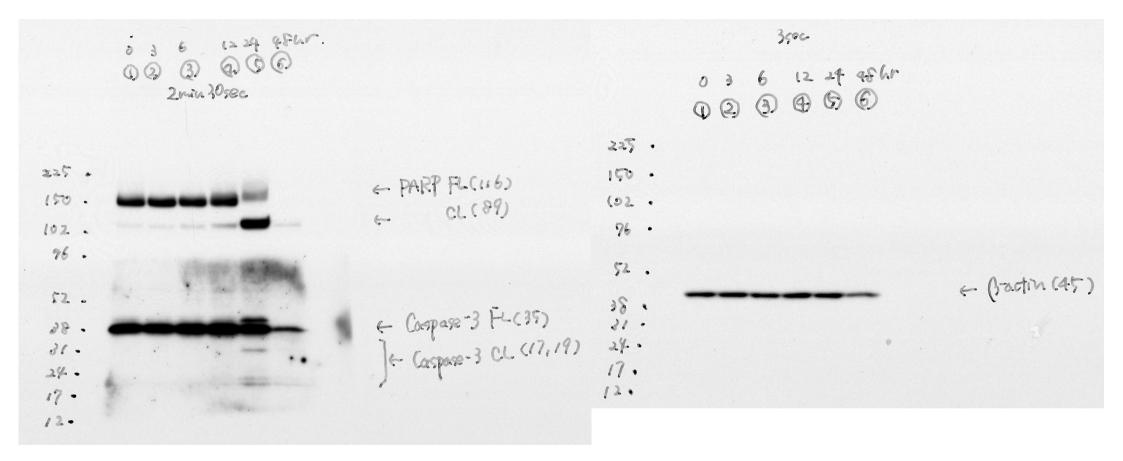
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Supplementary Fig. 1



Supplementary Fig. 2



Supplementary Fig. 3

Supplementary Figure Legend

Supplementary Fig. 1 Cytotoxic effects of DPP8/9 inhibitor against T-cell lymphoma cell lines

(A) 1.0×10^5 Karpas 299 (open circles) cells were cultured with 0-100 μ M DPP4 inhibitors (vildagliptin, saxagliptin, sitagliptin, alogliptin, or linagliptin) for 72 hours. Cell number was estimated by a colorimetric assay using WST-1 reagent (n=6). (B) 1.0×10^5 H9 (squares), HUT102 (triangles), or Karpas 299 (circles) cells were cultured with 1G244 (0-100 μ M) for 72 hours. Cell number was estimated by a colorimetric assay using WST-1 reagent (n=6).

Supplementary Fig. 2 Myeloma cells from patients

CD138-positive myeloma cells were isolated from bone marrow cells using magnetic beads. The expression of CD138 was analyzed flow cytometrically before and after isolation. The isolated cells were stained with May-Giemsa method. As the typical example, the data of patient 1 and 2 are presented.

Supplementary Fig. 3 Original uncropped full-length images of the western blots shown in Fig. 3C