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(71) Applicant *(for all designated States except US)*: **MEMORIAL SLOAN-KETTERING CANCER CENTER** [US/US]; 1275 York Avenue, New York, New York 10065 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **CHEUNG, Nai-Kong** [US/US]; 3 Glen Park Road, Purchase, New York 10577 (US). **TASSEV, Dimiter** [US/US]; 659 W. Randolph St., Unit 1207, Chicago, Illinois 60661 (US). **HU, Jian** [US/US]; 112-20 72nd Dr., Apt. B41, Forest Hills, New York 11375 (US).

(74) Agent: **DIAS, Kathy Smith**; Heslin Rothenberg Farley & Mesiti P.C., 5 Columbia Circle, Albany, New York 12203 (US).

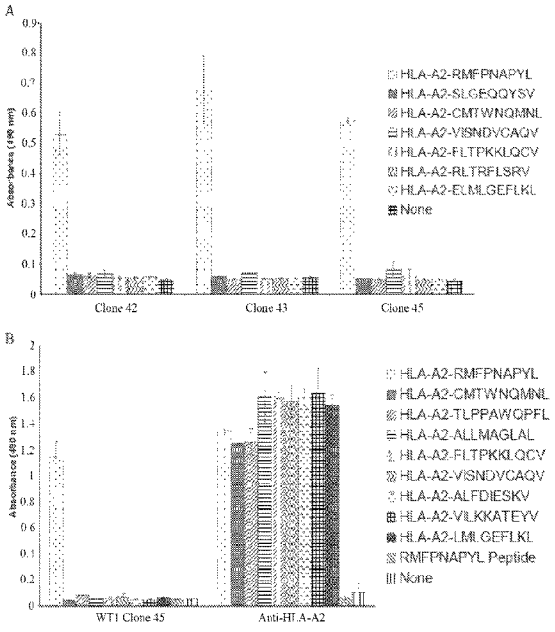
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(54) Title: HLA-RESTRICTED, PEPTIDE-SPECIFIC ANTIGEN BINDING PROTEINS

Figure 2



(57) Abstract: Antigen binding proteins with TCR-like paratopes, that is, with an antigen binding region specific for an HLA-A2 restricted peptide are disclosed. The antigen binding proteins encompass antibodies in a variety of forms, including full-length antibodies, substantially intact antibodies, Fab fragments, F(ab')2 fragments, and single chain Fv fragments. Fusion proteins, such as scFv fusions with immunoglobulin or T-cell receptor domains, incorporating the specificity of the antigen binding region for each peptide are also contemplated by the invention. Furthermore, immunoconjugates may include antibodies to which is linked a radioisotope, fluorescent or other detectable marker, cytotoxin, or other molecule are also encompassed by the invention. Among other things, immunoconjugates can be used for delivery of an agent to elicit a therapeutic effect or to facilitate an immune effector function.

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