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(54) Title: NOVEL ANTIPROLIFERATION ANTIBODIES

(57) Abstract: The present invention relates to novel isolated antibodies, or the derived compounds or functional fragments of same, capable of inhibiting the proliferation of tumor cells *in vitro* and/or *in vivo*, said antibodies having been obtained by functional screening. More particularly, the present invention relates to the 6F4 antibody, specific to the JAM-A protein, as well as its use for the treatment of cancer. Pharmaceutical compositions composed of such antibodies are also covered.



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