Melanoma cell necrosis facilitates transfer of specific sets of antigens onto MHC class II molecules of dendritic cells

Till A. Röhn, Dirk Schadendorf, Yuansheng Sun, Duc Nguyen, Daniel Roeder, Hanno Langen, Anne B. Vogt and Harald Kropshofer
Legend to supplementary figure 1

Melanoma cell lines were kept in culture for two passages. Supernatants of cultures grown for 48 h were taken and tested in an enzyme immunoassay specific for the mycoplasma species M. hyorhinis, M. arginini, M. laidlawii and M. orale (Mycoplasma detection kit, Roche Diagnostics, Mannheim, Germany). As negative control steril medium analogous to the samples was taken. The positive control consists of inactivated mycoplasma provided with the detection kit. Evaluation was carried out at a wavelength of $\lambda=405$ nm against substrate solution. Samples were measured in triplicates + SD. No statistically significant difference between the supernatants of cell cultures or medium control could be observed. According to the manufacturer, cultures with an OD $< 0.2$ can be considered negative.