

Product: MAGE-1, human, recombinant
Catalog #: 12-4402
Amount: 2 µg

DESCRIPTION: Recombinant full length human MAGE-1 (rHuMAGE-1)
Human malignant neoplasms carry rejection antigens that are recognized by the patients autologous, tumor directed and specific, cytolytic, CD8+T lymphocyte clones (CTL). An important group of antigens is coded by the MAGE family of genes. It was identified that melanomas and primary glial brain tumors express common melanoma associated antigens (MAAs).
Because MAGE-1 is expressed on a significant proportion of human neoplasms of various histological types (melanoma, brain tumors of glial origin, neuroblastoma, non-small cell lung cancer, breast, gastric, colorectal, ovarian, renal cell carcinomas) and not on normal tissues, the encoded antigen may serve as a marker of early detection and target for cancer immunotherapy.

SOURCE: *Escherichia coli*
FORM: Purified, in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
APPLICATION: ELISA
Immunoblotting (western)
Inhibition Assays

STORAGE: -20°C (aliquot), avoid freezing and thawing cycles

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