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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Trag-3 Blocking Peptide

BACKGROUND

The expression of the cancer-testis antigen Taxol resistance-associated gene-3 (TRAG-3) is associated with acquired paclitaxel (Taxol) resistance, and is expressed in a variety of cancers - e.g., breast cancer, leukemia, and melanoma. Overexpressed in taxol-resistant breast cancer line MDA 435(TR) and the doxorubicin-resistant multiple myeloma lines 8226/Dox (40) and 8226/MDR(10)V. Weakly expressed in kidney. TRAG-3 is an attractive target for immunotherapy of cancer.

First identified as a novel cancer/testis antigen, TRAG-3, (Taxol Resistance Associated Gene-3) was initially discovered in a search for new genes involved in drug resistance. Early studies of TRAG-3 revealed a minimal to absent expression in normal tissues and a marked over-expression in many carcinoma cell lines including several melanoma lines. By RT-PCR evaluation of TRAG-3 two transcripts are seen in many carcinoma cell lines with products in the the 799 bp and a second alternatively spliced transcript.

ORDERING INFORMATION

CATALOG NUMBER

X1869B

SIZE

50 μ g

CUSTOMER STORAGE

Product should be stored at -20°C.
Aliquot to avoid freeze/thaw cycles

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STABILITY

Products are stable for one year from purchase when stored properly

COMMENTS

Blocking peptide for use with Trag-3 antibodies (Cat. Nos. X1871P & X1872P).

INSTRUCTIONS

Incubate antibody neat with at least a 50 fold stoichiometric excess of blocking peptide at 37 deg C for 20 minutes (molecular weights of peptide and antibody are ~2.5 kDa and ~160 kDa, respectively). Antibody can then be diluted to a concentration suitable for Western blot.

Example: 10 μ l or 10 μ g of Exalpa's rabbit anti-Trag-3 (Cat. No. X1871P or X1872P) is added to 10 μ g of blocking peptide for a total volume of 20 μ l. The mixture is allowed to incubate for 20 minutes at 37 deg C prior to dilution in suitable buffer (for Western blot, etc.).