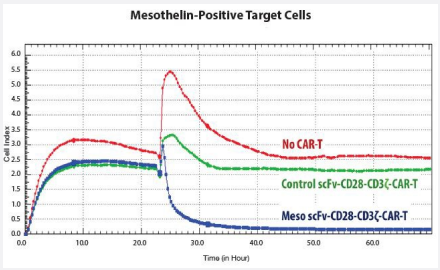
Human MSLN scFv-TM-CD28-CD3z

Catalog # U1011 Size 1 Tub

Applications



Cytotoxicity

Activity of Meso ScFv-CAR-T effector cells against Mesothelin-positive target cells. The ratio of effector cells to target cells is 10:1.

Specification

Product Description	Human CAR-T cells express an anti-mesothelin CAR containing a mesothelin-specific scFv, hinge a nd transmembrane domains, the CD28 costimulatory domain and the CD3zeta activation domain.
Package	$1x10^6$ Cells/mL
Transfected Cell Line	Primary T cells
Host	Human
Form	Liquid
Regulation Status	For in vitro research use only (RUO)
Culture Medium	DMEM + FBS + IL2
Storage Buffer	In 90% FBS, 10% DMSO
Storage Instruction	For long term storage store at liquid nitrogen storage. Aliquot to avoid repeated freezing and thawing.
Note	FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES OR THERAPEUTI C APPLICATIONS.

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Applications

- Flow Cytometry
- Cytotoxicity

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Gene Info — MSLN

Entrez GeneID	10232
Gene Name	MSLN
Gene Alias	CAK1, MPF, SMR
Gene Description	mesothelin
Omim ID	601051
Gene Ontology	Hyperlink
Gene Summary	An antibody that reacts with ovarian cancers and mesotheliomas was used to isolate a cell surface antigen named mesothelin. Although the function of mesothelin is unknown, it may play a role in cellular adhesion and is present on mesothelium, mesotheliomas, and ovarian cancers. This gene encodes a preproprotein that is cleaved into two products, megakaryocyte potentiating factor and mesothelin. Alternative splicing results in multiple transcript variants. [provided by RefSeq
Other Designations	megakaryocyte potentiating factor

Disease

- Adenocarcinoma
- Asbestosis
- Esophageal Neoplasms
- Mesothelioma
- Occupational Diseases
- Pleural Neoplasms

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