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MSLN/Mesothelin

Catalog # PVGS1744

Specification

MSLN/Mesothelin - Product Information

Primary Accession	Q13421-2

Species
Human

Sequence
Glu296-Gly580

Purity
> 95% as determined by Bis-Tris PAGE
 > 95% as determined by HPLC

Endotoxin Level
Less than 1EU per μg by the LAL method.

Biological Activity
Immobilized Human CA125, His Tag at 2 μg/ml (100 μl/Well) on the plate can bind MSLN/Mesothelin(296-580) hFc Chimera[Biotin], Avi, Human (Cat.No.: Z03868).

Expression System
HEK293

Theoretical Molecular Weight
61.1 kDa

Formulation	**Lyophilized from a 0.22 μm filtered solution in PBS, pH 7.4.**

Reconstitution
Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Storage & Stability
Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

MSLN/Mesothelin - Additional Information

Target Background
Mesothelin, also known as MSLN, is encoded by the MSLN gene. It encodes a precursor protein of 71 kDa that is processed to a 31 kDa shed protein called megakaryocyte potentiating factor (MPF) and a 40 kDa fragment, mesothelin. MSLN is attached to the cell membrane by a glycosyl-phosphatidylinositol (GPI) anchor. It is a differentiation antigen which is highly expressed in several human cancers, including virtually all mesotheliomas and pancreatic adenocarcinomas.

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MSLN/Mesothelin - Protein Information

MSLN/Mesothelin - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MSLN/Mesothelin - Images