

PE-Labeled Human MSLN/Mesothelin Protein

Cat. No. MSL-HM480P

Description

Source	Recombinant PE-Labeled Human MSLN/Mesothelin Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Glu296-Gly580.
Accession	Q13421-2
Molecular Weight	The protein has a predicted MW of 35.2 kDa.
Wavelength	Excitation Wavelength: 488 nm / 561 nm Emission Wavelength: 575 nm
Endotoxin	Less than 1EU per µg by the LAL method.

Formulation and Storage

Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 6 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

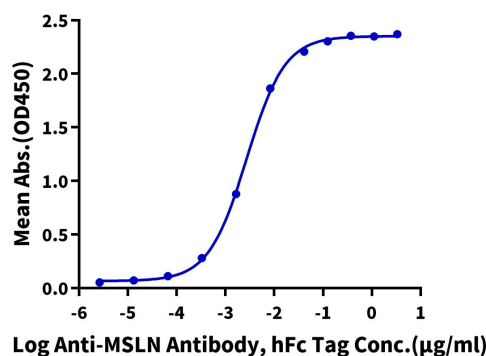
Mesothelin, also known as MSLN, is a protein that in humans is encoded by the MSLN gene. Cloning studies showed that the mesothelin gene encodes a precursor protein that is processed to yield mesothelin which is attached to the cell membrane by a glycoposphatidylinositol linkage and a 31-kDa shed fragment named megakaryocyte-potentiating factor (MPF). Although it has been proposed that mesothelin may be involved in cell adhesion, its biological function is not known. A knockout mouse line that lacks mesothelin reproduces and develops normally.

Assay Data

ELISA Data

PE-Labeled Human MSLN, His Tag ELISA

0.05µg PE-Labeled Human MSLN, His Tag Per Well



Immobilized PE-Labeled Human MSLN, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-MSLN Antibody, hFc Tag with the EC50 of 2.7ng/ml determined by ELISA.