

## Product datasheet for **TA700588**

### Mesothelin (MSLN) Biotinylated Mouse Monoclonal Detection Antibody (Biotin conjugated) [Clone ID: OTI3E10]

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI3E10
<b>Applications:</b>	ELISA
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Recombinant protein (270-493aa)
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.5mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
<b>Predicted Protein Size:</b>	62.7 kDa
<b>Gene Name:</b>	mesothelin
<b>Database Link:</b>	<a href="#">NP_005814</a> <a href="#">Entrez Gene 10232 Human</a> <a href="#">Q13421</a>



**Background:**

This gene encodes a preproprotein that is proteolytically processed to generate two protein products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiating factor functions as a cytokine that can stimulate colony formation of bone marrow megakaryocytes. Mesothelin is a glycosylphosphatidylinositol-anchored cell-surface protein that may function as a cell adhesion protein. This protein is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell carcinomas. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

**Synonyms:**

MPF; SMRP

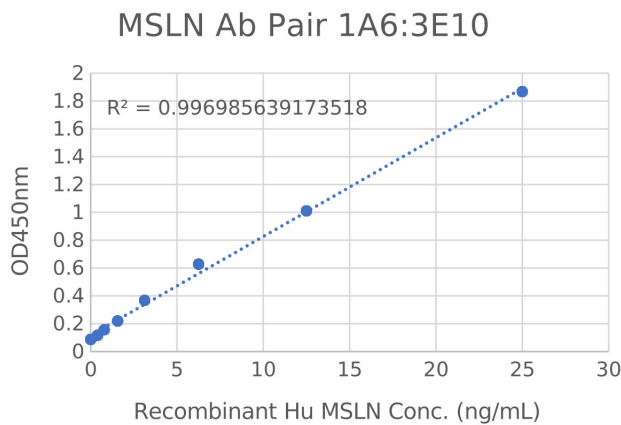
**Matched ELISA Pair:**

TA600588

**Protein Families:**

Druggable Genome, Secreted Protein, Transmembrane

**Product images:**



MSLN ELISA with 1A6 Capture ([TA600588]) and 3E10 Detection (TA700588) Antibodies. Target protein used: Human MSLN (HEK293T cells expressed protein Cat# [TP302532])