

**Anti-Mesothelin Reference Antibody (amatuximab)  
Recombinant Antibody  
Catalog # APR10229**

**Specification**

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**Anti-Mesothelin Reference Antibody (amatuximab) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">O13421</a>
Reactivity	Cynomolgus, Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	144.32 KDa

**Anti-Mesothelin Reference Antibody (amatuximab) - Additional Information**

**Target/Specificity**  
Mesothelin

**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.

**Conjugation**  
Unconjugated

**Expression system**  
CHO Cell

**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

**Anti-Mesothelin Reference Antibody (amatuximab) - Protein Information**

**Name** MSLN

**Synonyms** MPF

**Function**  
Membrane-anchored forms may play a role in cellular adhesion.

**Cellular Location**  
Cell membrane; Lipid-anchor, GPI-anchor. Golgi apparatus [Isoform 3]: Secreted.

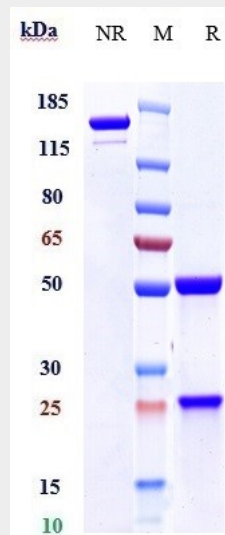
**Tissue Location**  
Expressed in lung. Expressed at low levels in heart, placenta and kidney. Expressed in mesothelial cells. Highly expressed in mesotheliomas, ovarian cancers, and some squamous cell carcinomas (at protein level).

## Anti-Mesothelin Reference Antibody (amatuximab) - Protocols

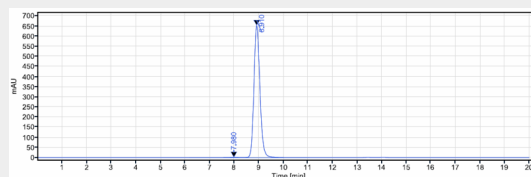
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

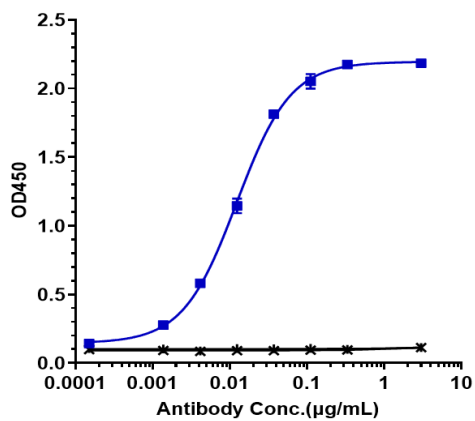
## Anti-Mesothelin Reference Antibody (amatuximab) - Images



Anti-Mesothelin Reference Antibody (amatuximab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-Mesothelin Reference Antibody (amatuximab) is more than 99.47%, determined by SEC-HPLC.



Immobilized human Mesothelin His at 2 µg/mL can bind Anti-Mesothelin Reference Antibody (amatuximab)  $EC_{50}=0.01226$  µg/mL