

# Chimeric anti-Human Amatuximab Monoclonal Antibody | anti-MSLN antibody

Research Grade Amatuximab

|                               |                         |                            |
|-------------------------------|-------------------------|----------------------------|
| CATALOG #<br><b>AAA120095</b> | HOST<br><b>Chimeric</b> | REACTIVITY<br><b>Human</b> |
|-------------------------------|-------------------------|----------------------------|

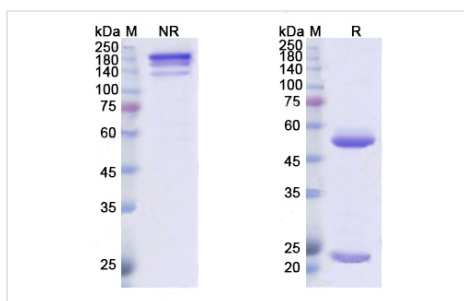
## PRODUCT SYNONYMS

Amatuximab; Monoclonal Antibody; Research Grade Amatuximab; MORAb-009; CAK1 antigen; Mesothelin; MSLN; Pre-pro-megakaryocyte-potentiating factor; MPF; anti-MSLN antibody

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Chimeric                                                                                                                                                         |
| Reactivity              | Human                                                                                                                                                            |
| Clonality               | Monoclonal                                                                                                                                                       |
| Isotype                 | Human IgG1-kappa                                                                                                                                                 |
| Purity/Purification     | >95%<br>Protein A or G purified from cell culture supernatant.                                                                                                   |
| Form/Format             | Liquid                                                                                                                                                           |
| Concentration           | 1. 77 mg/ml (varies by lot)                                                                                                                                      |
| Storage Buffer          | PBS buffer, pH7.4                                                                                                                                                |
| Expression System       | XtenCHO                                                                                                                                                          |
| Target                  | CAK1 antigen, Mesothelin, MSLN, Pre- pro-megakaryocyte-potentiating factor, MPF.                                                                                 |
| CAS                     | 931402-35-6                                                                                                                                                      |
| Preparation and Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C for short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term. |

## IMAGES



SDS-PAGE

SDS PAGE for Amatuximab

## ADDITIONAL INFORMATION

Product Categories/Family for anti-MSLN antibody

[Research Biosimilar](#)

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | <p>Mesothelin Immunotherapy for Cancer: Ready for Prime Time?, PMID: 27863199</p> <p>CA125 suppresses amatuximab immune-effector function and elevated serum levels are associated with reduced clinical response in first line mesothelioma patients, PMID: 29652548</p> <p>Population pharmacokinetics and exposure-response relationship of amatuximab, an anti-mesothelin monoclonal antibody, in patients with malignant pleural mesothelioma and its application in dose selection, PMID: 26898299</p> <p>Safety and biodistribution of 111In-amatuximab in patients with mesothelin expressing cancers using single photon emission computed tomography-computed tomography (SPECT-CT) imaging, PMID: 25756664</p> <p>Phase II clinical trial of amatuximab, a chimeric antimesothelin antibody with pemetrexed and cisplatin in advanced unresectable pleural mesothelioma, PMID: 25231400</p> |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 53988378                                                                                                                                       |
| NCBI GeneID                      | 10232                                                                                                                                          |
| NCBI Accession #                 | NP_005814.2                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_005823.5                                                                                                                                    |
| UniProt Accession #              | Q13421; Q14859; Q4VQD5; Q96GR6; Q96KJ5; Q9BR17; Q9BTR2; Q9UCB2; Q9UK57; D3DU65                                                                 |
| NCBI Official Full Name          | mesothelin isoform 1 preproprotein                                                                                                             |
| NCBI Official Synonym Full Names | mesothelin                                                                                                                                     |
| NCBI Official Symbol             | MSLN                                                                                                                                           |
| NCBI Official Synonym Symbols    | MPF; SMRP                                                                                                                                      |
| NCBI Protein Information         | mesothelin; CAK1 antigen; megakaryocyte potentiating factor; soluble MPF mesothelin related protein; pre-pro-megakaryocyte-potentiating factor |
| UniProt Protein Name             | Mesothelin                                                                                                                                     |
| UniProt Gene Name                | MSLN                                                                                                                                           |
| UniProt Synonym Gene Names       | MPF; MPF                                                                                                                                       |
| UniProt Entry Name               | MSLN_HUMAN                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.