# Recombinant Mesothelin (Mesothelial Marker) Antibody

Rabbit Monoclonal Antibody [Clone MSLN/8391R]

| Catalog No | Format | Size |
|---|---|---|
| 10232-RBM14-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 10232-RBM14-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 10232-RBM14-P1ABX | Purified Ab WITHOUT BSA or Azide at 1.0mg/ml | 100 ug |

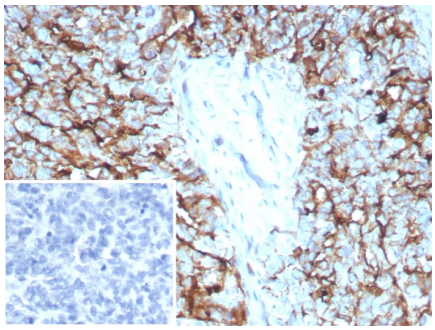
| Applications | Tested Dillution | Note |
|---|---|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |
| Western Blot (WB) | 2-4ug/ml | |

## Product Details

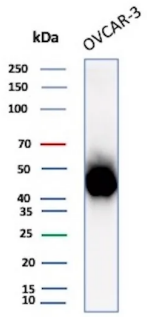
| | |
|---|---|
| **Clone** | MSLN/8391R |
| **Immunogen** | Recombinant fragment (around aa273-407) of the human Mesothelin protein (exact sequence is proprietary) |
| **Host** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG / Kappa |
| **Mol. Weight of Antigen** | 68.98kDa |
| **Cellular Localization** | Cell membrane, Golgi apparatus, Secreted |
| **Species Reactivity** | Human |
| **Positive Control** | OVCAR-3 cells, Lung Mesothelioma. |

**Optimal dilution for a specific application should be determined.*

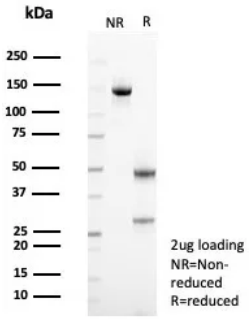
## Product Images for Recombinant Mesothelin (Mesothelial Marker) Antibody



Formalin-fixed, paraffin-embedded human ovarian cancer stained with Mesothelin Recombinant Rabbit Monoclonal Ab (MSLN/8391R). Inset: PBS instead of primary antibody; secondary only negative control.




Western Blot Analysis of OVCAR-3 lysate using Mesothelin Recombinant Rabbit Monoclonal Antibody (MSLN/8391R).




SDS-PAGE Analysis of Purified Mesothelin Recombinant Rabbit Monoclonal Ab (MSLN/8391R). Confirmation of Integrity and Purity of the Antibody.

## Specificity & Comments

Mesothelin is a 40kDa glycosyl-phosphatidylinositol-anchored glycoprotein cleaved from a 69kDa precursor protein. Mesothelin immunoreactivity is high in cancers of the ovary (serous papillary, endometrioid and undifferentiated) and pancreas, with less frequent staining seen in adenocarcinomas of the endometrium, lung and stomach/esophagus. Mesothelin is one of the most sensitive markers for mesothelioma.

## Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

## Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.