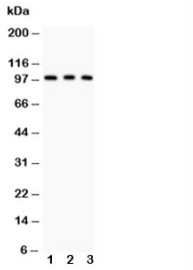
# CD146 Antibody (R30152)

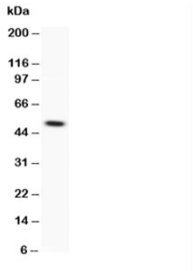
| Catalog No. | Formulation | Size |
|---|---|---|
| R30152 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

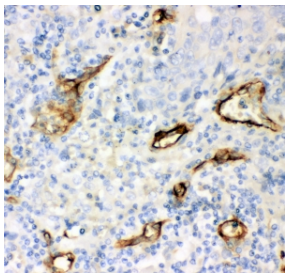
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide |
| **Gene ID** | 4162 |
| **Applications** | Western Blot : 0.5-1ug/ml<br>IHC (FFPE) : 0.5-1ug/ml |
| **Limitations** | This CD146 antibody is available for research use only. |




Western blot testing of CD146 antibody and Lane 1: A375; 2: HeLa; 3: HEPG2. The glycoprotein is routinely visualized between 70~120KD.




Western blot testing of CD146 antibody and recombinant human protein 0.5ng



IHC-P: CD146 antibody testing of human lung cancer tissue

## Description

CD146 (cluster of differentiation 146), also known as MCAM and MUC18, is a cell adhesion molecule used as a marker for endothelial cell lineage. CD146 has been demonstrated to appear on a small subset of T and B lymphocytes in the peripheral blood of healthy individuals. It has been seen as a marker for mesenchymal stem cells isolated from multiple adult and fetal organs, and its expression may be linked to multipotency mesenchymal stem cells with greater differentiation potential express higher levels of CD146 on the cell surface.

## Application Notes

Titration of the CD146 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Human partial recombinant protein (AA 59-401) was used as the immunogen for this CD146 antibody.

## Storage

The lyophilized CD146 antibody can be stored at 4oC to -20oC. After reconstitution, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com