

## Recombinant C-type lectin domain family 4 member M Antibody

Rabbit Monoclonal Antibody [Clone CD299/9665R]

Catalog No	Format	Size
10332-RBM4-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
10332-RBM4-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
10332-RBM4-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

<b>Clone</b>	CD299/9665R
<b>Immunogen</b>	Recombinant full-length human CD299 protein
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG / Kappa
<b>Mol. Weight of Antigen</b>	45.35kDa
<b>Cellular Localization</b>	Cell membrane, Secreted
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Predominantly highly expressed in liver sinusoidal endothelial cells and in lymph node

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

### Product Images for Recombinant C-type lectin domain family 4 member M Antibody

#### Specificity & Comments

Probable pathogen-recognition receptor involved in peripheral immune surveillance in liver. May mediate the endocytosis of pathogens which are subsequently degraded in lysosomal compartments. Is a receptor for ICAM3, probably by binding to mannose-like carbohydrates., (Microbial infection) Acts as an attachment receptor for Ebolavirus., (Microbial infection) Acts as an attachment receptor for Hepatitis C virus., (Microbial infection) Acts as an attachment receptor for HIV-1., (Microbial infection) Acts as an attachment receptor for Human coronavirus 229E., (Microbial infection) Acts as an attachment receptor for Human cytomegalovirus/HHV-5., (Microbial infection) Acts as an attachment receptor for Influenzavirus., (Microbial infection) Acts as an attachment receptor for SARS-CoV., (Microbial infection) Acts as an attachment receptor for West-nile virus., (Microbial infection) Acts as an attachment receptor for Japanese encephalitis virus., (Microbial infection) Acts as an attachment receptor for Marburg virus glycoprotein., (Microbial infection) Recognition of M.bovis by dendritic cells may occur partially via this molecule.

#### 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.

#### 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.