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## AP22800PU-N Polyclonal Antibody to CD146 - Purified

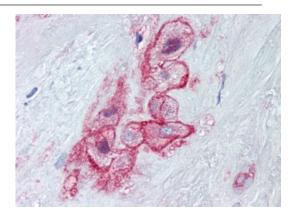
| Alternate names: | A32, CD146, Cell surface glycoprotein P1H12, MCAM, MUC18, Melanoma cell adhesion<br>molecule, Melanoma-associated antigen MUC18, S-endo 1 endothelial-associated<br>antigen  |
|------------------|--|
| Quantity:        | 50 µg  |
| Concentration:   | 0.25 mg/ml   |
| Background:      | MCAM (also termed CD146 or MUC18) is a cell-adhesion molecule belonging to the<br>immunoglobulin gene superfamily. It mediates cell-cell interaction through<br>heterophilic Mel-CAM/ligand adhesion. MCAM has been shown to expressed widely<br>in normal and neoplastic human tissues. MUC18 expression is increased during<br>prostate cancer initiation (high grade PIN) and progression to carcinoma, and in<br>metastatic cell lines and metastatic carcinoma. |
| Uniprot ID:      | <u>P43121</u>  |
| NCBI:            | <u>NP_006491</u>   |
| GenelD:          | <u>4162</u>  |
| Host:            | Rabbit   |
| Immunogen:       | KLH conjugated synthetic peptide corresponding to amino acid residues surrounding<br>Y641 of human MCAM.<br><b>Genename:</b> MCAM  |
| Format:          | <b>State:</b> Liquid purified Ig fraction<br><b>Purification:</b> Protein A Chromatography<br><b>Buffer System:</b> PBS containing 0.09% sodium azide  |
| Applications:    | <b>Immunohistochemistry on Paraffin Sections:</b> 10 μg/ml.<br><b>Western Blot:</b> 1/1000.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.  |
| Specificity:     | This antibody reacts to Melanoma Cell Adhesion Molecule (MCAM/MUC18).<br><b>Species:</b> Human.<br>Other species not tested.   |
| Storage:         | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for<br>longer.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.  |

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

## **ORIGENE** AP22800PU-N: Polyclonal Antibody to CD146 - Purified

**Pictures:** 

Human Placenta (formalin-fixed, paraffinembedded) stained with MCAM antibody AP22800PU-N followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



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