

Product datasheet for **SM1860F**

CD146 (MCAM) Mouse Monoclonal Antibody [Clone ID: OJ79c]

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OJ79c |
| Applications: | ELISA, FC, IHC |
| Recommended Dilution: | Flow Cytometry: Use 10 µl of neat-1/10 diluted CD146 antibody to label 10 ⁶ cells in 100 µl. Clone OJ79c (Purified antibody <i>Cat.-No.</i> SM1860P/PT) has been successfully used in ELISA and Immunohistochemistry on Frozen Sections. |
| Reactivity: | Human, Porcine |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Recombinant Human MUC18 (D1-D5) Fc protein. Spleen cells from immunised mice were fused with cells of the mouse Sp2/0 Ag.14 myeloma cell line. |
| Specificity: | This antibody recognises the 118 kD cell surface glycoprotein CD146, also known as MUC18, Mel-CAM and S-endo. CD146 is a member of the immunoglobulin superfamily, expressed by all endothelial cells and by melanoma cells. |
| Formulation: | PBS Label: FITC State: Liquid purified IgG fraction. Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide Label: Fluorescein Isothiocyanate Isomer 1 |
| Concentration: | lot specific |
| Purification: | Affinity Chromatography on Protein G |
| Conjugation: | FITC |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |



[View online »](#)

| | |
|-----------------------|---|
| Gene Name: | melanoma cell adhesion molecule |
| Database Link: | Entrez Gene 4162 Human P43121 |
| Background: | CD146 is a member of the immunoglobulin superfamily, expressed by all endothelial cells and by melanoma cells. CD146 appears to act as an adhesion molecule. Expression in melanoma may be linked to disease progression. |
| Synonyms: | MCAM, MUC18, CD146 |