

DATA SHEET

CD146**(Cat #5040-F100T)****MOUSE MONOCLONAL ANTIBODY ANTI HUMAN CD146, FITC**

Clone	COM 7A4
Isotype	IgG1, Kappa
Partner of fusion	X63Ag8/653
Immunogen	CD146 immunopurified molecule.
Specificity	<ul style="list-style-type: none">- Using an immunoperoxidase staining on frozen tissue sections, clone COM 7A4 demonstrates in all tissues tested a strong reactivity restricted to vascular endothelium.- This antibody is positive on CD146 transfectants.- CD146 (also known as MUC18, S-Endo, MeICAM and MCAM) is expressed on endothelial cells, a subset of activated T lymphocytes and some human tumor cell lines.
Reactivity	Extracytoplasmic epitope of the human CD146.
Application	Flow cytometry, Immunohistofluorescence.
Form	FITC-conjugated immunoglobulin in PBS-BSA 0.1%, pH 7.2, liquid, 1 mL.
Size	100 tests.
Suggested amount	For direct immunofluorescence by flow cytometry : use 10 µL of antibody per $3 \cdot 10^5$ cells in 100 µL sample. For other applications : the optimal dilution should be determined by the investigator.
Preservative	Sodium azide < 0.1%.
Storage	Conjugated antibody should be stored in the dark at +2-8°C.
HLDA Workshop	N/A
Reference	Anfosso F. <i>et al.</i> , J Biol Chem. 1998, 273(41), 26852-26856.

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