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## Product Datasheet

### MCAM Antibody / CD146, Clone: [MCAM/1101], Mouse, Monoclonal NSJ-V2696-100UG

Article Name	MCAM Antibody / CD146, Clone: [MCAM/1101], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V2696-100UG
Supplier Catalog Number	V2696-100UG
Alternative Catalog Number	NSJ-V2696-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	FACS, IF, IHC-P
Species Reactivity	Human
Immunogen	Recombinant human protein was used as the immunogen for the MCAM antibody.
Product Description	The human Mel-CAM gene maps to chromosome 11q23 and encodes a trans-membrane glycoprotein, also designated MCAM, MUC 18 or CD146, that belongs to the immunoglobulin superfamily and functions as a Ca <sup>2+</sup> -independent cell adhesion molecule. MCAM expressi...
Clonality	Monoclonal
Clone Designation	[MCAM/1101]
UniProt	<a href="#">P43121</a>
Purity	Protein G affinity chromatography

Form	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Antibody Type	Primary Antibody
Application Dilute	Flow cytometry: 0.5-1ug/10 <sup>6</sup> cells, Immunofluorescence: 0.5-1ug/ml, Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT
Application Notes	Optimal dilution of the MCAM antibody should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.