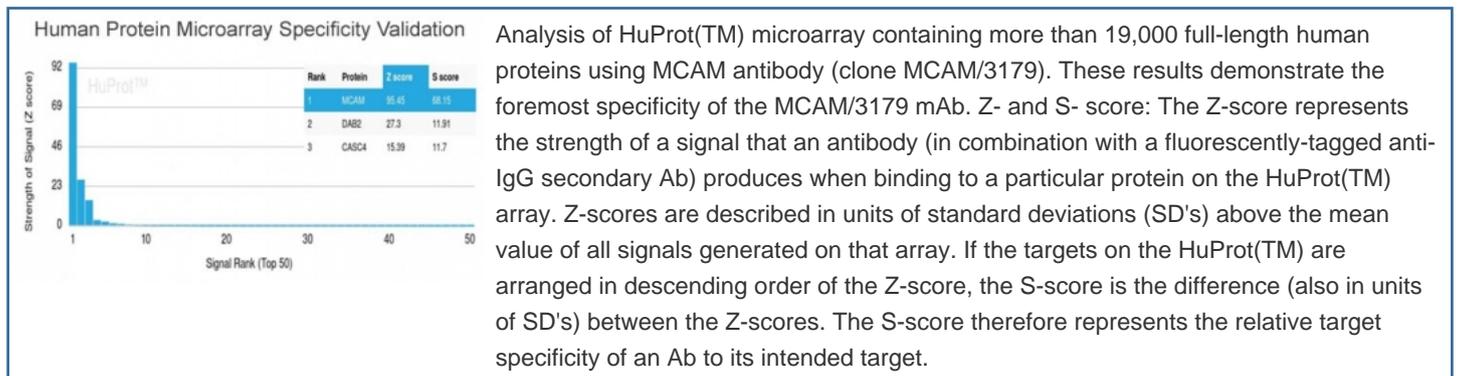


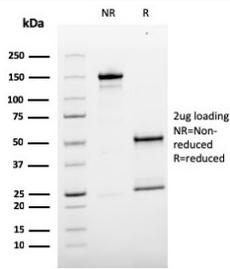
## MCAM Antibody / CD146 / MUC18 [clone MCAM/3179] (V8923)

Catalog No.	Formulation	Size
V8923-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8923-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8923SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2c, kappa
<b>Clone Name</b>	MCAM/3179
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	P43121
<b>Localization</b>	Cell Surface
<b>Applications</b>	ELISA : 2-4ug/ml (order BSA-free format for coating)
<b>Limitations</b>	This MCAM antibody is available for research use only.





SDS-PAGE analysis of purified, BSA-free MCAM antibody (clone MCAM/3179) as confirmation of integrity and purity.

## Description

The human MCAM gene maps to chromosome 11q23 and encodes a trans-membrane glycoprotein, also designated Mel-CAM, MUC 18 or CD146, that belongs to the immunoglobulin superfamily and functions as a Ca<sup>2+</sup>-independent cell adhesion molecule. MCAM expression is restricted to advanced primary and metastatic melanomas and to cell lines of the neuroectodermal lineage, but not normal melanocytes. MCAM is found on 80% of advanced primary human melanomas and correlates well with development of metastatic disease.

## Application Notes

Optimal dilution of the MCAM antibody should be determined by the researcher.

## Immunogen

Recombinant human MCAM/CD146 protein was used as the immunogen for the MCAM antibody.

## Storage

Aliquot the MCAM antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.