

PRODUCT INFORMATION SUMMARY

ANTI-CD146 (MCAM)

M146020 Purified 100.0 ug

ANTIGEN DISTRIBUTION AND SPECIFICITY:

The human CD146 antigen, also known as Melanoma Adhesion Molecule (MCAM), is a protein expressed on circulating endothelial cells of blood and marrow. Expression in human melanoma correlates with poor prognosis. Can be used to detect circulating endothelial cells. The CD146 antigen is a membrane glycoprotein of 110-120 kDa molecular weight.

CLONE: ANTIGENIX AMERICA clone OJ79,
immunogen: recombinant human MUC18 Fc protein
Immunoglobulin chain composition: **Mouse IgG1**

HANDLING AND STORAGE:

All forms are supplied as liquid. Fluorochromes should be protected from prolonged exposure to light. Reagents will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4, 0.2% gelatin and 0.1% sodium azide. These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. All reagents in a liquid state should be stored at 2-8° C when not in use.

PRODUCT USE:

Use **10 uL per test** to stain no more than one million cells.;

Flow cytometric analysis of CD146 bearing cells.
Reactive in frozen tissue.; paraffin-embedded not tested.
Immunoprecipitation; ELISA.

CAUTION:

Reagents contain sodium azide.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY. NOT FOR DIAGNOSTIC USE.