

ANTIGENIX AMERICA inc.

## PRODUCT INFORMATION SUMMARY

### ANTI-ALCAM CD166

MA250022	Purified	0.10 mg
MA250023	FITC	100 tests
MA250027	R-PE	100 tests

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

Human CD166, the CD6 Receptor, a 105 KDa glycoprotein that is described as the **Activated Lymphocyte Cellular Adhesion Molecule (ALCAM)**. This marker is found on activated lymphocytes and also on epithelial cells, endothelial cells, neurons, neural tissue, fibroblasts and many malignant cell lines.

**CLONE:** ANTIGENIX AMERICA clone A6  
Purification : Protein G Chromatography

Immunoglobulin chain composition: **Mouse IgG1**  
Immunogen: Thymus cells; Epithelial origin

**CONJUGATION:** FITC, R-PE

#### HANDLING AND STORAGE:

Purified monoclonal antibody is provided as liquid ,  
carrier-free in 0.01M PBS, with 0.1% sodium azide

Further dilute in PBS or similar buffer containing 0.2% gelatin  
or BSA (as suitable for application) and small aliquots may be  
stored at -20 Deg. C. ( purified only)  
Avoid repeat freeze-thaw.

#### PRODUCT USE:

For flow cytometry use **10 uL per test (FITC and R-PE conjugates)**; For immuno-histochemistry, purified Anti-ALCAM should be diluted (approx. 2 ug/mL - optimize), using enough reagent to cover the tissue section or cytoprep.

#### RESEARCH APPLICATIONS:

Flow cytometry and Immunohistolgy ( frozen tissue samples)  
Development of ELISA  
Studies of activated lymphocytes.

**Immunoprecipitation** has been achieved.

X-Reactivity: **Reactive in Ovine** has been reported

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