

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

Research USE Only antigenix.com