

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

ANTI-Porcine CD169

PRODUCT NUMBER	APG169	purified 1.0 mL (100.0 ug)
	APG169F	FITC (50 tests)

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Mouse monoclonal antibodies specific for porcine CD169, a sialic acid binding immuoglobulin-like lectin. Also known as Sialoadhesin, CD169 was identified first in mice as sialic acid dependent Shp-1 erythrocyte receptor in 1986 (Croker, et al). CD169 is expressed on macrophage populations, especially in the spleen, liver, Peyer's patches and lymph nodes, and may be thought to be a viral adhesion receptor.

Western blot: Alveolar Macrophages lysates produces band @ 190 kDa under non-reducing conditions.

Flow cytometry: use 10-20 uL per test (FITC conjugate)

Immunohistology: reactive in frozen tissue has been observed
Paraffin tissue staining Not tested.

CLONE: 3B11 Ig chain composition: **Mouse IgG1**
Immunogen: Porcine alveolar macrophages

HANDLING AND STORAGE:

Reagents supplied as liquid culture supernatant with 0.1% sodium azide. Antibody 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. CAUTION: Contains 0.1% sodium azide.

For long-term storage, freeze small aliquots (unconjugated form only), undiluted. Avoid repeat freeze-thaw cycles.

PRODUCT USE:

For immuno-histochemistry, Purified Anti-Porcine CD169 should be diluted, (approx. 1:10- 1:100) using enough reagent to cover the tissue section or cytoprep. (Optimize)

As second antibody, use ANTIGENIX goat anti-Mouse Igs (FITC, or PE or Biotin conjugates, or HRP (cat. #s F200035, F200070, F200065, F200055, respectively).

Immunoprecipitation Not tested.

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