

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 erthrocyte 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 is 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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