

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

ANTI-Porcine CD163

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| PRODUCT NUMBER | APG163 | 1.0 mL (100.0 ug) |
| | APG163P | R-PE (50 tests) |

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Mouse monoclonal antibodies specific for porcine CD163, glycoprotein expressed on macrophage and monocytes. Expression of CD163 is reported to vary with macrophage differentiation- with high levels on macrophages of tissue origin, and absent in bone marrow cells. Peripheral blood expression can vary from 5 - 50% depending on donor source. CD163 is a 120 kDa type 1 transmembrane cell surface glycoprotein.

Western blot: Alveolar Macrophages lysates produces band @ 120 kDa under non-reducing conditions.

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

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

CLONE: 2A10 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 CD144 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.

FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR DIAGNOSTIC USE.

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