

# ANTIGENIX AMERICA, INC.

## PRODUCT INFORMATION SUMMARY

### ANTI-Porcine CD163

|                |         |                    |
|----------------|---------|--------------------|
| 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.**

[WWW.ANTIGENIX.COM](http://WWW.ANTIGENIX.COM)