

## PRODUCT INFORMATION SUMMARY

### ANTI-Porcine CD31

PRODUCT NUMBER	APG311	0.12 mg PURIFIED	
PRODUCT NUMBER	APG311F	FITC Conjugate	50 tests
PRODUCT NUMBER	AOG311P	PE Conjugate	50 tests

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

Mouse monoclonal antibodies specific for porcine CD31 (PECAM) antigen, with molecular weight 140 kDa, expressed predominantly by endothelial cells. This antibody shown to stimulate tyrosine phosphorylation of CD31 on endothelial cells.

Immunohistology: reactive in frozen tissue. ( Paraffin-embedded Not tested)

Reactive in Immunoprecipitation, flow cytometry.

Western Blot Not reactive.

**CLONE:** Anti-Porcine CD31 (CI4) Ig chain composition: Mouse IgG1  
Immunogen: Porcine CD31/Human IgGFc fusion protein.

#### HANDLING AND STORAGE:

Provided as purified in PBS containing 0.1% sodium azide, and direct conjugates. All reagents supplied as liquid preparations. 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 flow cytometry use 10 uL per test.; For immuno-histochemistry, Purified Anti-Porcine CD31 should be diluted, (approx. 1:10) using enough reagent to cover the tissue section or cytoprep.

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

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