

ANTIGENIX AMERICA Inc.

## PRODUCT INFORMATION SUMMARY

### ANTI-MOUSE CD68

PRODUCT NUMBER	RM680020	Purified	0.1 mg
	RM680035	FITC	50 Tests
	RM680075	R-PE	50 Tests

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

**Rat** monoclonal antibodies specific for MURINE CD68, or the macrosialin transmembrane protein. This antibody recognizes the CD68 antigen on mouse tissue macrophages, Langerhans cells and low density on dendritic cells. CD68 ( both human and mouse homologues) are lysosomal-associated membrane proteins, and can be detected by flow cytometry using cell permeabilization. This antibody can detect surface CD68 at low intensity on mouse peritoneal macrophages, enhanced with thioglycollate stimulation. Mouse CD68, a transmembrane protein of 87-115 kDa molecular weight.

**CLONE:** Anti-Mouse CD68 clone FA11, Ig chain composition: **Rat IgG2a**

#### HANDLING AND STORAGE:

All reagents supplied as liquid preparations. Purified 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.

#### PRODUCT USE:

- \* For flow cytometry use 10 uL per test @ 2 ug/test; membrane permeabilization required. ( optimize)
- \* Reactive in immunohistochemistry, frozen tissue. Paraffin staining not tested.
- \* Observed to react in western blot and Immunoprecipitation.

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

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