

ANTIGENIX AMERICA Inc.

## PRODUCT INFORMATION SUMMARY

### ANTI-RAT MHC-I

PRODUCT NUMBER	MR916620	Purified	0.12 mg
PRODUCT NUMBER	MR916630	FITC	50 tests
PRODUCT NUMBER	MR916670	R-PE	50 tests

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

Mouse monoclonal antibodies specific for RAT (RTIa), MHC-I bearing cells. Recognizes a polymorphic determinant on rat MHC class I molecules, and the RT1-a allele. Reacts with certain allotypic rat strains, including DA, PVG RT1-a, and PVG RT1-l.

#### CLONE:

Anti-MHC clone MN4, PURIFIED FORM :	Mouse IgG1
Anti-MHC-I clone OX27 - FITC and R-PE conjugates only:	Mouse IgG2a

#### HANDLING AND STORAGE:

All reagents supplied as liquid preparations. Purified antibody may 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. DO NOT FREEZE CONJUGATES.

#### PRODUCT USE:

For flow cytometry use approx. 1 ug/test in 10-20 uL ; For immunohistochemistry, Anti-Rat MHC-I may be diluted, (approx. 1:50) using enough reagent to cover the tissue section or cytoprep. **Reactivity in frozen and Paraffin tissue** has been observed. ( Purified form)

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

**Western blot** Not Tested.  
Reactive in immunoprecipitation

**REFERENCE:** Pockley, A.G., et al, (1995), An EIA for soluble rat MHC-I...  
, Immunol. Invest., V: 24, 679-687.

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