

# ANTIGENIX AMERICA, INC.

## PRODUCT INFORMATION SUMMARY

### ANTI-RAT MHC-II

PRODUCT NUMBER	MR917720	supernatant	2.0 mL
PRODUCT NUMBER	MR917730	FITC Conjugate*	50 tests
PRODUCT NUMBER	MR917770	R-PE Conjugate*	50 tests

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

Mouse monoclonal antibodies specific for RAT (RTIBu), MHC-II bearing cells. ( **Note**- purified form (supernatant) is **Rat antibody**. Probably reacts with rat equivalent of mouse H-2IA molecules. Also reacts with all strains of mouse cells and certain allotypic rat strains.

**Purified** clone: reacts with Rat strains: LEW; BN; PVG; F334

**FITC** and **RE-PE** conjugates: react with Rat Ia (RtIBu) present in Lewis, Wistar and AO Rat strains. X-Reactivity in Mouse H2 haplotypes observed.

#### CLONES:

Anti-MHC clone P7/7, **Unlabeled form only- Ig chain : RAT IgG2b**  
Provided as culture supernatant.

\* FITC and R-PE clone: OX3 :( Polymorphic determinant) **Mouse IgG1**

#### 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 10-20 uL ; For immuno-histochemistry, Anti-Rat MHC-II may be diluted, (approx. 1:4) using enough reagent to cover the tissue section or cytoprep. **Reactivity in frozen tissue** has been observed.

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

**Western blot** and immunoprecipitation Not Tested.

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

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