

REV: 1/19

ANTIGENIX AMERICA Inc.

## PRODUCT INFORMATION SUMMARY

### Anti-HLA-A,B,C

(Common Framework Region)	M300020	Purified	0.1 mg
	M300030	FITC	100 Tests
	M300060	Biotin	100 Tests
	M300070	Phycoerythrin	100 Tests

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

The HLA-A,B,C antigen is expressed on the surface of most nucleated cells. This monoclonal antibody recognizes a framework determinant residing on the heavy chain of the class I MHC antigen associated with beta 2-microglobulin.

#### CLONE: W6-32 Mouse IgG2a, kappa light chain

Derived from hybridization of murine myeloma (NS-1) cells with spleen cells from BALB/c mice immunized with activated human tonsil membrane. Affinity purified from murine ascites fluid.

**CONJUGATION:** Fluorescein isothiocyanate; Biotin ester, R-Phycoerythrin.

#### HANDLING AND STORAGE:

All forms are supplied as 1.0 mL of liquid. Fluorochromes should be protected from prolonged exposure to light. Reagents will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4, 0.2% gelatin and 0.1% sodium azide. Dilute with buffer containing 0.1% BSA. All reagents in a liquid state should be stored at 2-8° C when not in use.

#### PRODUCT USE:

- \* For flow cytometry use **10-20 uL per test;**
- \* For immuno-histochemistry ( reactive frozen sections only) , purified Anti-HLA-A,B,C should be diluted 1:80 (optimize)
- \* ELISA and Immunoprecipitation

#### RESEARCH APPLICATIONS:

Use as a positive control in all immunologic procedures detecting cell surface antigens.

**X-Reactivity:** Non-Human Primates: Cyno Monkey, Chimp, Rhesus, Macaque, Baboon, Gorilla. Bovine, Shrew

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

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