

**PRODUCT INSERT**
**AFFINITY-ISOLATED ANTIBODIES SPECIFIC TO HAMSTER IgG  
FLUOROCHROME CONJUGATES**

Product Code	Description	Form	Volume	Antibody*	Excitation (nm)	Emission (nm)
HA6001	Goat Anti-Hamster IgG (H+L)	FITC	1.0 ml	0.7 mg	488	525
HA6004	Goat Anti-Hamster IgG (H+L)	R-PE	0.5 ml	0.1 mg	488	575
HA6003	Goat Anti-Hamster IgG (H+L)	Texas Red®	1.0 ml	0.6 mg	575-625	615
HA6005	Goat Anti-Hamster IgG (H+L)	APC	0.5 ml	50 µg	600-650	660

**Lot No.:** See label      **Expiration:** See label

**Buffer:** Phosphate buffered saline (PBS)

**Preparation:** Antibodies were purified by affinity chromatography and adsorbed to remove cross reactivity to mouse and rat immunoglobulins. Specificity and cross reactivities were verified by ELISA. The resulting antibody was conjugated with the indicated fluorochrome to provide the optimal fluorochrome to protein ratio for flow cytometry, cell and tissue staining use. Any free dye was removed by column chromatography.

**Preservative:** 0.1% *sodium azide*. Sodium azide is an extremely toxic and dangerous compound particularly when combined with acids or metals. Solutions containing sodium azide should be disposed of properly.

**Stabilizer:** A highly purified grade of BSA has been added as a stabilizing agent.

**STORAGE & HANDLING**

Store reagents at 2-8°C. Light exposure should be avoided when using fluorochrome-conjugated antibodies. Use dim light during handling, incubation with cells and prior to analysis. It is recommended that cells be analyzed within 18 hours of staining. If the reagent is being diluted, it is recommended that only the quantity to be used within one week be diluted.

**PRODUCT QUALITY CONTROL**

Every lot is tested by flow cytometry using mouse spleen prestained with an unlabeled hamster monoclonal antibody directed to a mouse lymphocyte cell surface marker. Based on this testing it is recommended that between 0.25 and 1.0 µg of antibody be used per 1 x 10<sup>6</sup> cells in a 100 µl staining volume. Because conditions may vary, it is recommended that each investigator determine the optimal amount of antibody to be used for each application.

\* Antibody value assigned is based on the Optical Density at 280 nm.

**FOR RESEARCH USE ONLY. . . NOT FOR THERAPEUTIC OR IN VITRO DIAGNOSTIC USE**