

Mouse IgG₁ Isotype Control

**Conjugated Mouse Monoclonal Antibody
Clone X40**

FITC Conjugate:	Catalog # 10310	0.1 mg
PE Conjugate:	Catalog # 10311	0.1 mg
APC Conjugate:	Catalog # 10312	0.1 mg

SPECIFICITY: Keyhole limpet hemocyanin (KLH) is not expressed on human cells.

CLONE: X40

ISOTYPE: IgG₁κ (mouse)

FORMAT:

FITC-conjugate: 100 µg in 2 mL (50 µg/mL) in phosphate buffered saline (PBS) containing gelatin and 0.1% (w/v) sodium azide.

PE-conjugate : 100 µg in 2 mL (50 µg/mL) in PBS containing gelatin and 0.1% (w/v) sodium azide.

APC-conjugate: 100 µg in 1 mL (100 µg/mL) in PBS containing gelatin and 0.1% (w/v) sodium azide.

STABILITY AND STORAGE:

Store at 4°C. Do not freeze. Product is stable for at least 6 months.

APPLICATIONS AND DIRECTIONS FOR USE:

Flow cytometry:

Recommended for use as control reagent in staining experiments to determine nonspecific binding of monoclonal antibodies to human cell surface antigens.

Recommended amount per 1x10⁶ cells in a volume of 100 µL:

- FITC-conjugate (Cat No. 10310): 20 µL
- PE-conjugate (Cat No. 10311): 20 µL
- APC-conjugate (Cat No. 10312): 5 µL

Appropriate conditions should be established for each application.

**NOT FOR CLINICAL USE; INCLUDING IN VITRO DIAGNOSTIC USE, AND EX VIVO OR IN VIVO THERAPEUTIC USE IN CLINICAL TRIALS OR IN CLINICAL PRACTISE.
THIS REAGENT IS FOR RESEARCH ONLY.**

Hazardous Ingredient: Sodium Azide. Avoid exposure to skin and eyes, ingestion and contact with heat, acids and metals. Wash exposed skin with soap and water. Flush eyes with water. Dilute with running water before discharging into plumbing.