



## Rabbit IgG Isotype Control (CABT-B8382)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Specificity</b>	Rabbit (FC3G) mAb IgG XP® Isotype Control is not directed against any known antigen. It functions as an isotype control for rabbit IgG monoclonal antibodies.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	N/A
<b>Clone</b>	FC3G
<b>Purification</b>	Affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	CyTOF, Control
<b>Format</b>	Liquid
<b>Concentration</b>	2.5 mg/ml
<b>Size</b>	500 µg
<b>Buffer</b>	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at -20°C. Do not aliquot the antibody.

### BACKGROUND

**Introduction**

Isotype controls are primary antibodies that lack specificity to the target, but match the class and type of the primary antibody used in the application. Isotype controls are used as negative controls to help differentiate non-specific background signal from specific antibody signal. Depending upon the isotype of the primary antibody used for detection and the target cell types involved, background signal may be a significant issue in various experiments.

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