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InnoCyto Inc.

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iF647 Anti-HA tag Antibody

Catalog Number:	302109, 302110
Size:	25 μg, 100 μg
Target Name:	HA epitope tag, YPYDVPDYA tag, Hemagglutinin tag
Regulatory Status:	RUO

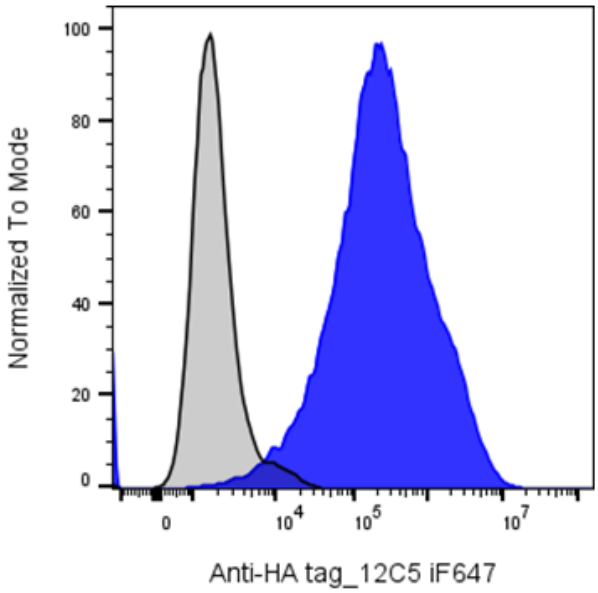
PRODUCT DETAILS

Clone:	12CA5
Application:	Flow Cytometry
Reactivity:	HA tag, All Species Expected
Format:	iF647
Isotype:	Mouse IgG2b
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.4, with stabilizer
Protein Concentration:	0.5 mg/mL
Storage & Handling:	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Recommended Usage:	For flow cytometric staining, it is recommended to use less than 0.06 µg of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application. iF647 has an excitation max at 656 nm and an emission max at 670 nm.
Excitation Laser:	Red Laser (633 nm)
Isotype Control:	301607

BACKGROUND INFORMATION

The HA tag (hemagglutinin tag) is a short linear epitope (YPYDVPDYA) derived from amino acids 98–106 of influenza A hemagglutinin. With a molecular weight of approximately 1.1 kDa, it is commonly fused to the N- or C-terminus of recombinant proteins to facilitate detection, localization, and purification when protein-specific antibodies are unavailable. Anti-HA tag antibodies specifically recognize the HA epitope and are widely used in applications such as western blotting, immunoprecipitation, immunofluorescence, immunohistochemistry, and intracellular flow cytometry to study protein expression, topology, and protein–protein interactions.

PRODUCT DATA



Multi-tag (including HA) transmembrane protein transfected CHO cells were stained with eitheri F647 Anti-HAtag clone 12CA5 (color-filled histogram) or an isotype control (gray histogram)

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