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InnoCyto Inc.

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# FITC Anti-HA Tag Antibody

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| **Catalog Number:** | 302105, 302106 |
| **Size:** | 25 μg, 100 μg |
| **Target Name:** | HA epitope tag, YPYDVPDYA tag, Hemagglutinin tag |
| **Regulatory Status:** | RUO |

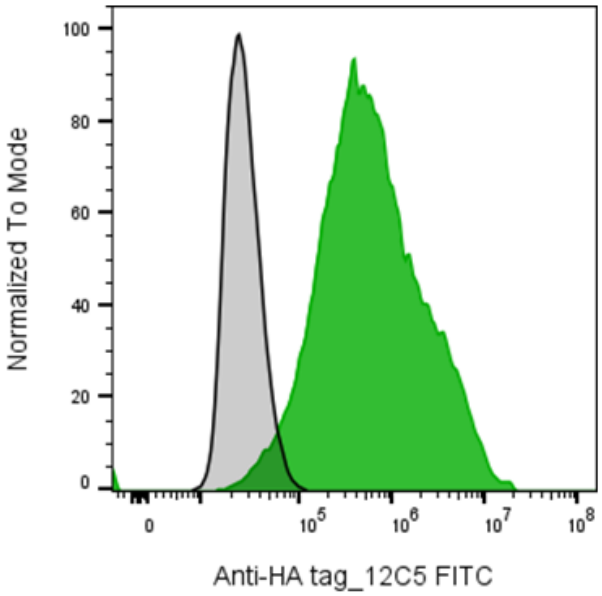
## PRODUCT DETAILS

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| **Clone:** | 12CA5 |
| **Application:** | Flow Cytometry |
| **Reactivity:** | HA tag, All Species Expected |
| **Format:** | FITC |
| **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. FITC has an excitation max at 495 nm and an emission max at 519 nm. |
| **Excitation Laser:** | Blue Laser (488 nm) Green/Yellow laser (532/561nm) |
| **Isotype Control:** | 301617 |

## 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 either FITC Anti-HAtag clone 12CA5 (color-filled histogram) or an isotype control (gray histogram)

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