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InnoCyto Inc.

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Anti-HA Tag Antibody

Catalog Number:	302101, 302102
Size:	25 μg, 100 μg
Target Name:	HA epitope tag, YPYDVPDYA tag, Hemagglutinin tag
Regulatory Status:	RUO

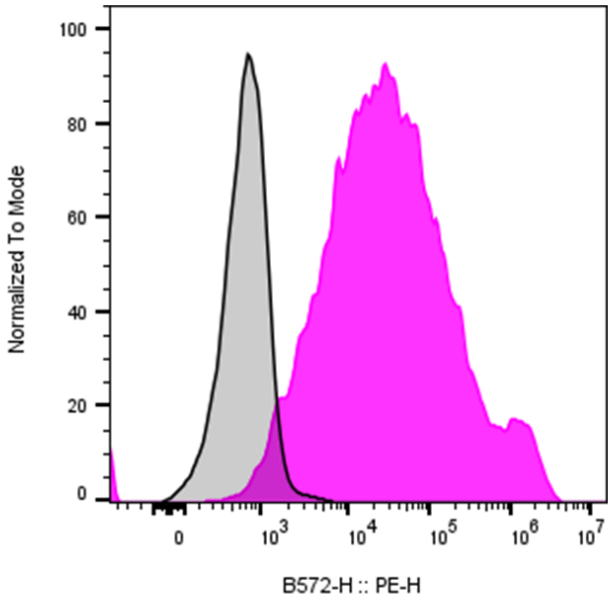
PRODUCT DETAILS

Clone:	12CA5
Application:	ELISA, WB, Flow Cytometry, Sandwich ELISA
Reactivity:	HA tag, All Species Expected
Format:	Purified
Isotype:	Mouse IgG2b
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Protein Concentration:	0.5 mg/mL
Storage&Handling:	Quick spin the vial after receiving. The antibody solution should be stored between 2°C and 8°C without dilution.
Recommended Usage:	For ELISA application, this antibody can be used at 1 ng/mL or lower as the detection antibody. For flow cytometric staining, it is recommended to use less than 0.1 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.
Isotype Control:	301601

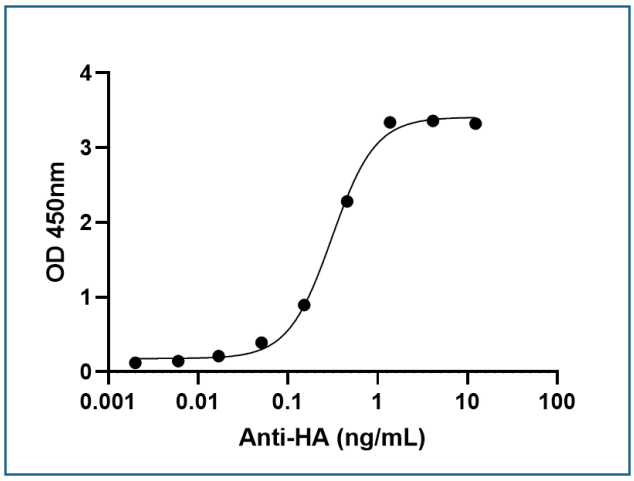
BACKGROUND INFORMATION

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 Purified Anti-HA antibody clone 12CA5 (color-filled histogram) or an isotype control (gray histogram), followed by secondary PE anti-mouse IgG.



Multi-tag protein (catalog 603901) is coated at 1000ng/mL (100ng/well). Purified Anti-HA antibody can detect HA tagged protein in the dose dependent manner. For ELISA application, this antibody can be used at 1 ng/mL as the detection antibody.

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