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InnoCyto Inc.

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Anti-His tag Antibody

Catalog Number:	300701, 300702
Size:	50 ug, 200 ug
Target Name:	His Tag, histidine-tag
Regulatory Status:	RUO

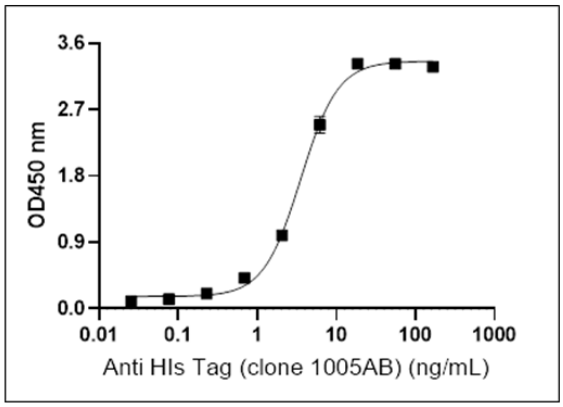
PRODUCT DETAILS

Clone:	1005AB
Application:	ELISA, WB, Flow Cytometry, Sandwich ELISA
Reactivity:	His-tag, All Species Expected
Format:	Purified
Isotype:	Rabbit IgG
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Protein Concentration:	0.5 mg/mL
Storage and 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 applications, this antibody can be used at 0.1-0.3 µg/mL as the detection antibody. For flow cytometric staining, it is recommended to use less than 0.25 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. For detection, use a secondary reagent with this product.
Isotype Control:	301801
RRID:	AB_3739145

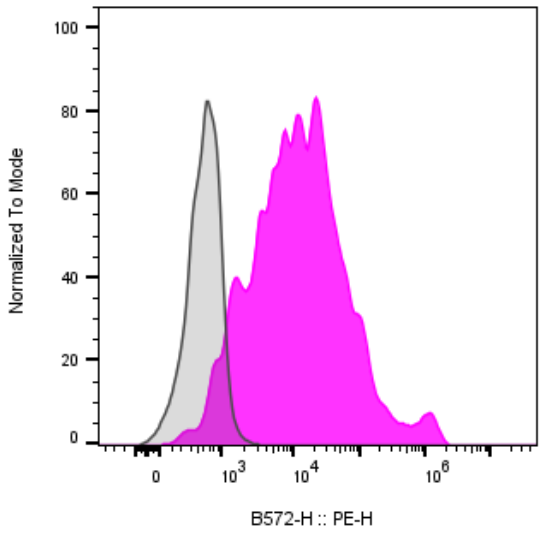
BACKGROUND INFORMATION

This antibody is raised against a synthetic 6xHis peptide. It can be used for Western blotting to detect His-tagged proteins (6xHis or more) at the N-terminus, C-terminus, or within the protein sequence. It is also suitable for flow cytometry or immunofluorescent staining of His-tagged proteins.

PRODUCT DATA



Recombinant protein with His tag is coated at 100ng_mL (10ng_well). Anti-His antibody can detect His tagged protein in the dose dependent manner. For ELISA application, this antibody can be used at 0.1-0.3 ug/mL as the detection antibody.



Multi-tag (including His tag) transmembrane protein transfected CHO cells were stained either purified Anti-His antibody clone 1005AB (color-filled histogram) or an isotype control (gray histogram), followed by PE anti-Rabbit IgG secondary antibody.