

## Technical Data Sheet

### Anti-DYKDDDDK Antibody

**Catalog Number:** 301101, 301102

**Size:** 50 ug, 200 ug

**Target Name:** DYKDDDDK Tag

**Regulatory Status:** RUO

#### Product Details

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**Clone:** 1002AH1

**Application:** ELISA, WB, FC

**Reactivity:** DYKDDDDK tag, All Species Expected

**Format:** Purified

**Isotype:** Human IgG1

**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 application, this antibody can be used at 0.01 ug/mL or lower as the detection antibody. For flow cytometric staining, it is recommended to use less than 0.25 ug 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.

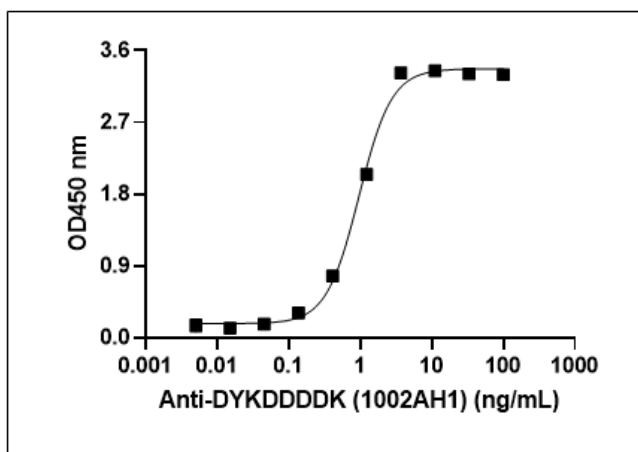
#### Background Information

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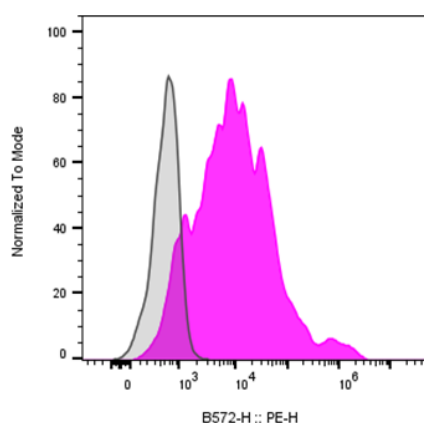
The DYKDDDDK Tag antibody specifically detects proteins containing the DYKDDDDK epitope, commonly known as the FLAG® tag (originally from Sigma®). It recognizes the DYKDDDDK sequence when fused to either the N-terminus or C-terminus of the target protein.

#### Product Data

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Multi-tag protein (catalog 603901) is coated at 100ng/mL (10ng/well). Anti-DYKDDDDK Antibody(clone 1002AH1) can detect the Multi-tag protein in the dose dependent manner. For ELISA application, this antibody can be used at 0.01 ug/mL or lower as the detection antibody.



Multi-tag (including DYKDDDDK tag) transmembrane protein transfected CHO cells were stained either purified Anti-DYKDDDDK antibody clone 1002AH1 (color-filled histogram) or an isotype control (gray histogram), followed by PE anti-human IgG secondary antibody.