

Anti-DYKDDDDK Antibody

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1. Product Description

Product Description: The DYKDDDDK (Flag) tag is a short peptide consisting of 8 amino acids. It is highly hydrophilic and does not occupy other epitopes or binding domains, making it easier for antibodies to bind. Anti-DYKDDDDK Antibody is a mouse IgG2B recombinant monoclonal antibody that specifically recognizes the DYKDDDDK tag at the N-terminus or C-terminus of fusion proteins. It is widely used for the purification, detection, and identification of fusion proteins.

Antibody Source: Mouse

Cross-Reactivity: DYKDDDDK tag fusion proteins

Clone Type: Monoclonal Antibody

Isotype: IgG2B

Source: Recombinant antibody expressed in 293 cells Purification

Method: rProtein A affinity purification

Product Purity: ≥95%, as determined by SDS-PAGE

Storage Buffer: 1× PBS (pH 7.4), 0.02% sodium azide, 50% glycerol

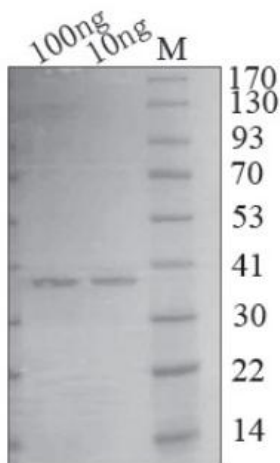
Storage Conditions: Ship on ice/wet ice. Can be stored at -20°C for two years. Avoid repeated freeze-thaw cycles.

2. Product Application

Concentration	1 mg/mL
WB	1/2000 - 1/10000
ELISA	1/5000-1/30000
IP	1/1000
IF	1/200

3. Data Presentation

WB Data:



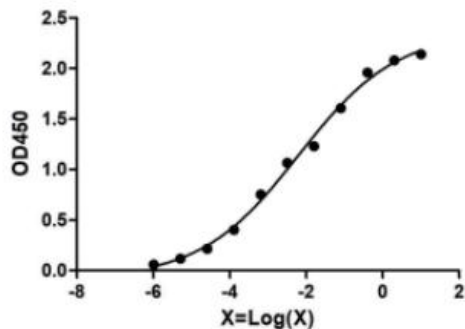
Sample Information: DYKDDDDK tag fusion proteins

Protein Load: Signal observed with both 10 ng and 100 ng

Protein Size: Predicted: 40 KDa, Actual: ≈40 KDa

Secondary Antibody Information: Goat Anti-Mouse IgG(H+L)-HRP, 1/10000

ELISA Data:



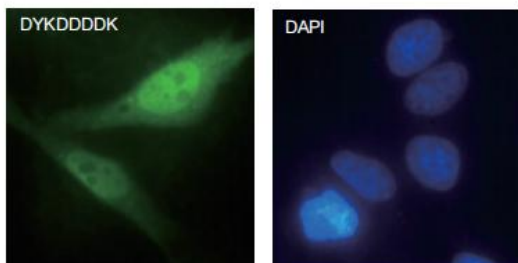
Sample Information: DYKDDDDK tag fusion proteins
Coating Concentration: 0.5 µg/mL
X-axis: Log value of antibody concentration (µg/mL)

IP Data:



Sample Information: 200 µg of 293 cell supernatant
Control Group: Well-known international antibody company

IF Data:



Sample Information: HeLa cells

4. Related Products

Product	Cat.No.	Size
Anti-DYKDDDDK Antibody	BP0002-01	100 µL (1 mg/mL)