

Datasheet for ABIN7322021  
**anti-DYKDDDDK Tag antibody**

## 6 Images

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## Overview

Quantity:	50 µL
Target:	DYKDDDDK Tag
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DYKDDDDK Tag antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunofluorescence (IF)

## Product Details

Immunogen:	DYKDDDDK(Flag) synthetic peptide conjugate to KLH
Clone:	4G5C8
Isotype:	IgG2a
Purification:	Protein G purified

## Target Details

Target:	DYKDDDDK Tag
Alternative Name:	Flag Tag ( <a href="#">DYKDDDDK Tag Products</a> )
Target Type:	Tag
Background:	Background: Flag-tag, or Flag octapeptide, is a polypeptide protein tag that can be added to a protein using recombinant DNA technology. It can be used for affinity chromatography, then

## Target Details

used to separate recombinant, overexpressed protein from wild-type protein expressed by the host organism. It can also be used in the isolation of protein complexes with multiple subunits. A Flag-tag can be used in many different assays that require recognition by an antibody. If there is no antibody against the studied protein, adding a Flag-tag to this protein allows one to follow the protein with an antibody against the Flag sequence. Examples are cellular localization studies by immunofluorescence or detection by SDS PAGE protein electrophoresis.

Aliases: DDK tag, DYKDDDDK, Flag, Flag Tag

## Application Details

Application Notes:	Recommended dilution: WB:1:1000-1:10000, IF:1:100-1:300, IP:0.5 µL-2 µL,
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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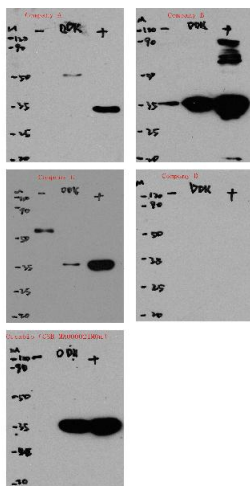
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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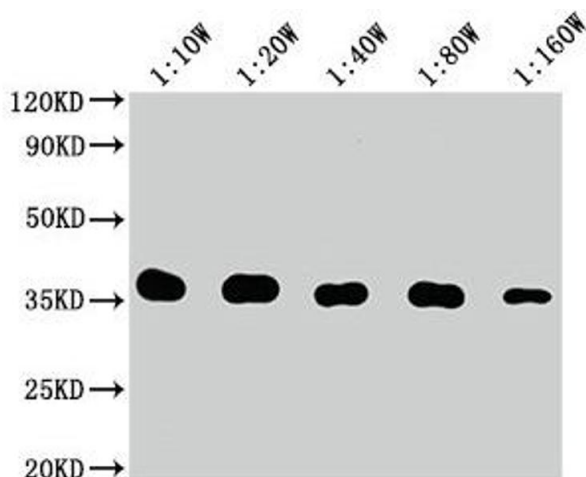
Storage:	-20 °C,-80 °C
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Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
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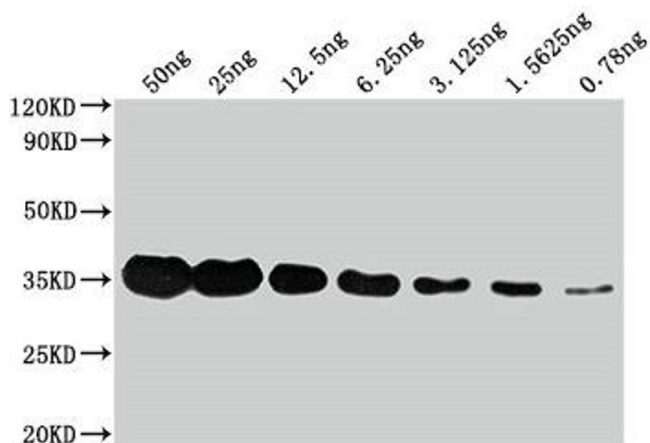
### Western Blotting

**Image 1.** Immunoprecipitating Flag Tag in 293F transfected whole cell lysate Lane 1: Mouse control IgG instead of in Flag Tag in 293F transfected whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: Company A (1  $\mu$ L), Company B (1  $\mu$ L), Company C (1  $\mu$ L), Company D (1  $\mu$ L), (1  $\mu$ L) + Flag Tag in 293F transfected whole cell lysate (500  $\mu$ g) Lane 3: Flag Tag in 293F transfected whole cell lysate (20  $\mu$ g)



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: 10 ng Flag Tag fusion protein Flag Tag antibody at 1:100000, 1:200000, 1:400000, 1:800000, 1:1600000 Secondary Goat polyclonal to mouse IgG at 1/50000 dilution Predicted band size: 35 kDa Observed band size: 35 kDa



### Western Blotting

**Image 3.** Western Blot Positive WB detected in: Flag Tag fusion protein at 50 ng, 25 ng, 12.5 ng, 6.25 ng, 3.625 ng, 1.5625 ng, 0.78 ng All lanes: Flag Tag antibody at 1:1000 Secondary Goat polyclonal to mouse IgG at 1/50000 dilution Predicted band size: 35 kDa Observed band size: 35 kDa

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7322021.