

## Product datasheet

# Anti-DDDDK tag antibody [M2] - (Equivalent to FLAG antibodies from Sigma) (Phycoerythrin) ab72469

★★★★★ 1 Abreviews 3 References 3 Images

### Overview

<b>Product name</b>	Anti-DDDDK tag antibody [M2] - (Equivalent to FLAG antibodies from Sigma) (Phycoerythrin)
<b>Description</b>	Mouse monoclonal [M2] to DDDDK tag - (Equivalent to FLAG antibodies from Sigma) (Phycoerythrin)
<b>Host species</b>	Mouse
<b>Conjugation</b>	Phycoerythrin. Ex: 488nm, Em: 575nm
<b>Tested applications</b>	<b>Suitable for:</b> WB, Flow Cyt, Sandwich ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Species independent
<b>Immunogen</b>	DYKDDDDK-Tagged peptide
<b>General notes</b>	Excitation max. lambda: 565>498 nm Emission max. lambda: 578 nm F/P 1:1

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.013% Sodium azide Constituents: 0.1% BSA, 0.87% Sodium chloride, 1.64% Sodium phosphate, 1.71% Sucrose
<b>Purity</b>	Size exclusion
<b>Purification notes</b>	Size exclusion chromatography as well as proprietary methods for purifying the final materials were used.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	M2
<b>Isotype</b>	IgG1

### Applications

Our [Abpromise guarantee](#) covers the use of **ab72469** in the following tested applications.

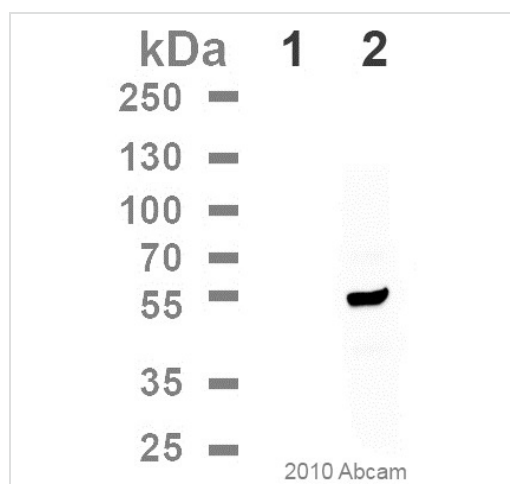
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★	Use a concentration of 2 µg/ml.
Flow Cyt		Use at an assay dependent concentration. <a href="#">ab91357</a> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
Sandwich ELISA		Use at an assay dependent concentration.

## Target

**Relevance** This is a useful tool for the localisation and characterisation of DDDDK tagged proteins.

## Images



**All lanes** : Anti-DDDDK tag antibody [M2] - (Equivalent to FLAG antibodies from Sigma) (Phycoerythrin) (ab72469) at 2 µg/ml

**Lane 1** : Hek293 cells transfected with empty vector

**Lane 2** : HEK293 cells transfected with vector overexpressing DDDDK tag

### Secondary

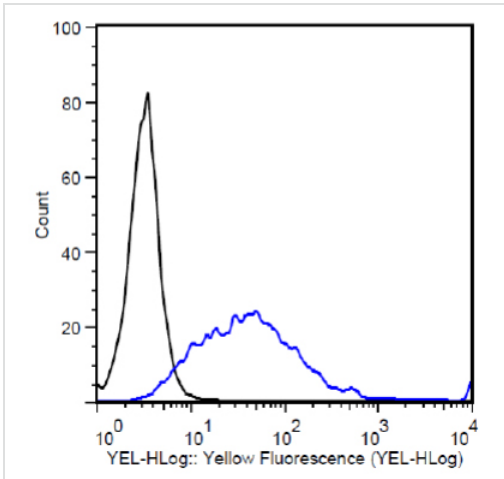
**All lanes** : Goat anti-mouse IgG conjugated to HRP at 1/5000 dilution

Western blot - Anti-DDDDK tag antibody [M2] - (Equivalent to FLAG antibodies from Sigma) (Phycoerythrin) (ab72469)

Image part of an abreview submitted by Antibody Solutions Ltd

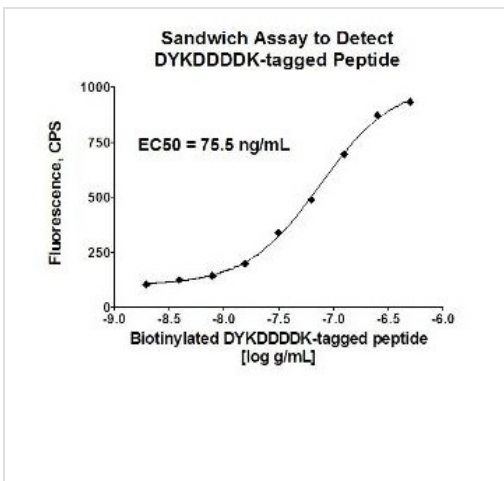
Performed under reducing conditions.

Blocked for 16 hours/ 4°C in 3.0% Non-fat milk, PBS, 0.1% Tween-20



Flow cytometry analysis of a recombinant (N-terminus DDDDK-tag) transmembrane cell surface receptor in CHO cells using ab72469 (blue). Black - Mouse IgG1 Phycoerythrin isotype control.

Flow Cytometry - Anti-DDDDK tag antibody [M2] -  
 (Equivalent to FLAG antibodies from Sigma)  
 (Phycoerythrin) (ab72469)



Curve generated from a streptavidin-coated 96-well plate probed with dilutions of biotinylated DYKDDDDK tagged peptide and read after a 2 hour incubation at room temperature with ab72469.

Sandwich ELISA - Anti-DDDDK tag antibody [M2] -  
 (Equivalent to FLAG antibodies from Sigma)  
 (Phycoerythrin) (ab72469)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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