

# FLAG tag Antibody

Catalog No: #35535

Package Size: #35535-1 50ul #35535-2 100ul

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## Description

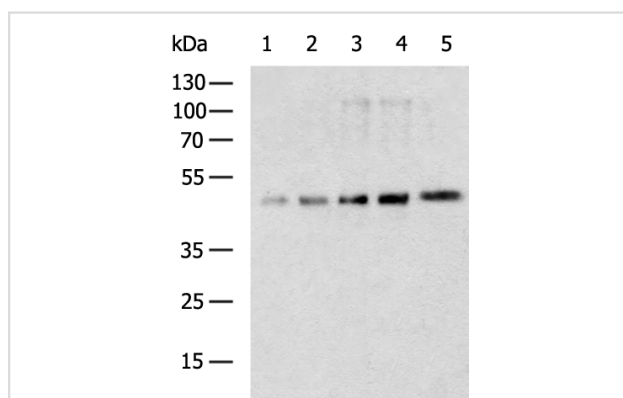
Product Name	FLAG tag Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	ELISA WB
Specificity	The antibody detects transfected proteins containing FLAG tag.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide: DYKDDDDK conjugated to KLH
Target Name	FLAG tag
Other Names	DDDDK epitope tag; DYKDDDDK epitope tag
SDS-PAGE MW	50kDa
Concentration	1.0 mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.
Storage	Store at -20°C

## Application Details

ELISA: 1:5000-1:10000

Western blotting: 1:5000-1:20000

## Images



Gel: 8%SDS-PAGE Lysate: 0.08/0.1/0.12/0.16/0.2 ug Lane 1-5:  
 0.08/0.1/0.12/0.16/0.2 ug Fusion proteins containing the Flag  
 Tag Primary antibody: at dilution 1/8000 Secondary antibody:  
 at 1/5000 dilution Exposure time: 10 seconds

## Background

The DYKDDDDK peptide has been used extensively as a general epitope tag in expression vectors. Due to its small size, it is unlikely to affect the tagged protein's biochemical properties. This antibody recognizes the DYKDDDDK peptide fused to either the amino- or carboxy-terminus of targeted proteins. (The background information is obtained from official databases and does not represent the product information.)

## Published Papers

et al., Interaction between NS1 and Cellular MAVS Contributes to NS1 Mitochondria Targeting. In *Viruses* on 2021 Sep 23 by Yeu-Yang Tseng, Chih-Ying Kuan, et al..PMID:34696339, , (2021)

[PMID:34696339](#)

et al., MLL2 promotes cancer cell lymph node metastasis by interacting with RelA and facilitating STC1 transcription. In *Cell Signal* on 2020 Jan; by Li H, Li Q, et al..PMID:31676369, , (2020)

[PMID:31676369](#)

et al., O-GlcNAcylation of PFKFB3 is required for tumor cell proliferation under hypoxia. In *Oncogenesis* on 2020 Feb 14 by Lei Y, Chen T, et al..PMID:32060258, , (2020)

[PMID:32060258](#)

et al., Upregulation of ZNF148 in SDHB-deficient gastrointestinal stromal tumor potentiates Forkhead box M1-mediated transcription and promotes tumor cell invasion.

In *Cancer Sci* on 2020 Apr by Gao X, Ma C, et al..PMID: 32060966, , (2020)

[PMID:32060966](#)

et al., PAK4 Phosphorylates Fumarase and Blocks TGFβ-Induced Cell Growth Arrest in Lung Cancer Cells. In *Cancer Res* on 2019 Apr 1 by Chen T, Wang T, et al..PMID:30683654, , (2019)

[PMID:30683654](#)

TaoChen, Jingjie Li et al, et al., PKCθ phosphorylates MIIP and promotes colorectal cancer metastasis through inhibition of RelA deacetylation., *Nature Communications*, 8(1):939. doi: 10.1038/s41467-017-01024-2.(2017 Oct 16)

[PMID:29038521](#)

Ting Wang, ε- iujing Yu Li et al et al., GlcNAcylation of fumarase maintains tumour growth under glucose deficiency., *Nature Cell Biology*, doi: 10.1038/ncb3562(2017)

[PMID:28628081](#)

et al., O-GlcNAcylation of Fumarase Maintains Tumour Growth Under Glucose Deficiency .In *Nat Cell Biol* ON 2017 Jul by Ting Wang , Qiuqing Yu, et al..PMID: 28628081, , (2017)

[PMID:28628081](#)

et al., PKCθ phosphorylates MIIP and promotes colorectal cancer metastasis through inhibition of RelA deacetylation. In *Nat Commun* on 2017 Oct 16 by Tao Chen, Jingjie Li , et al..PMID: 29038521, , (2017)

[PMID:29038521](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.