

FLAG tag Antibody

Catalog No: #35535

Package Size: #35535 100ul

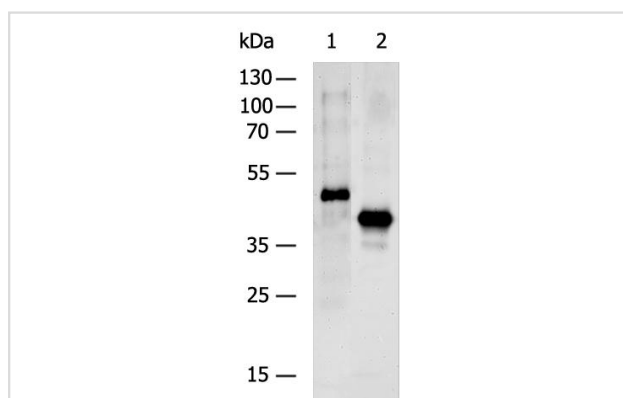
Description

Product Name	FLAG tag Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB Elisa
Specificity	The antibody detects transfected proteins containing FLAG tag.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide: 3*DYKDDDDK conjugated to KLH
Conjugates	Unconjugated
Target Name	FLAG tag
Other Names	DDDDK epitope tag; DYKDDDDK epitope tag
SDS-PAGE MW	50/40 kDa
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

WB 1:10000-1:50000 ELISA:1:5000-1:10000

Images



Gel: 8%SDS-PAGE
 Lysate: 0.1/1 $\times$ Og
 Lane 1-2: 0.1/1 $\times$ Og Recombinant proteins containing the Flag Tag
 Primary antibody: (FLAG Tag Antibody) at dilution 1/10000
 Secondary antibody: (HRP-conjugated Goat anti rabbit IgG) at 1/20000 dilution
 Exposure time: 30 seconds (Detected by Chemiluminescence Imager)

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

TaoChen, Jingjie Li et al, et al., PKC θ 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, Qiujiing 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., PAK4 Phosphorylates Fumarase and Blocks TGF β -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](#)

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

[PMID:28628081](#)

et al., PKC θ 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](#)

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](#)

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