Product Datasheet

His-Tag Mouse Monoclonal Antibody

Catalog No: #T505

Package Size: #T505-1 50ul #T505-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

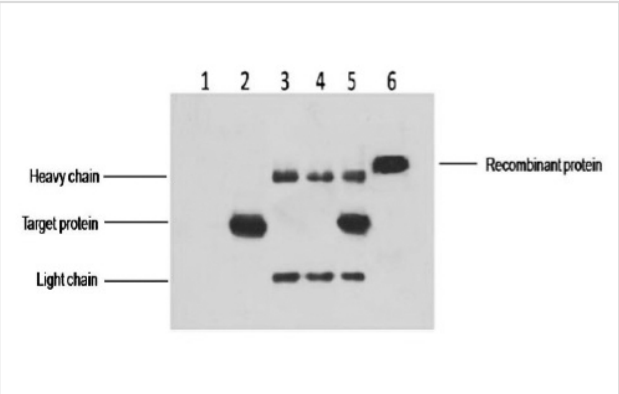
Product Name	His-Tag Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	Affinity-chromatography
Applications	WB IF/ICC
Specificity	His-Tag Mouse Monoclonal antibody detects endogenous levels of internal, C-terminal, or N-terminal 6His -tagged proteins.
Immunogen Type	Peptide-KLH
Immunogen Description	A synthetic peptide HHHHHH coupled to KLH.
Conjugates	Unconjugated
Target Name	His-Tag
SDS-PAGE MW	N/A
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Application Details

WB: 1:3000~1:10000

IF/ICC: 1:200

Images



IP antibody useoO 5ug His Mouse IgG1 per ml LysateoO WB 1:30001γ • untransfected 293 cell lysate2γ • transfected 293 cell lysate with His-tag fusion protein3γ • IP (untransfected 293+anti-His mAb+ Protein G agarose)4γ • IP (transfected 293+ normal Mouse IgG+Protein G agarose)5γ • IP (transfected 293+anti-His mAb+ Protein G agarose)6γ • Recombinant protein (E.coli)

Published Papers

TaoChen, Jingjie Li et al, el at., 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 Wangı ε- iujing Yu Li et al el at., GlcNAcylation of fumarase maintains tumour growth under glucose deficiency., Nature Cell Biology, doi: 10.1038/ncb3562(2017)

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el at., 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)

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el at., 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)

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

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el at., 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)

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el at., Suppression of p21Rac Signaling and Increased Innate Immunity Mediate Remission in Crohnı ζ Disease.In sci Transl Med on 2014 Apr 23 by Kaushal Parikh , Lu Zhou et al..PMID:24760188, , (2014)

PMID:24760188

el at., PTPS Facilitates Compartmentalized LTBP1 S-Nitrosylation and Promotes Tumor Growth under Hypoxia. In Mol Cell on 2020 Jan 2 by Qin Zhao, Ke Zheng, et al..PMID:31628042, , (2020)

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el at., Metal-HisTag coordination for remote loading of very small quantities of biomacromolecules into PLGA microspheres. In Bioeng Transl Med on 2022 Feb 17 by

Jason Albert, Rae Sung Chang,et al..PMID:35600641, , (2022)

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el at., Metal β HisTag Coordination for Remote Loading of Biomacromolecules into PLGA Microspheres In Bioeng Transl Med on 2022 Feb 17 by Jason Albert, Rae Sung Chang, et al..PMID: 35600641, , (2022)

PMID:35600641

el at., NS2 is a key determinant of compatibility in reassortant avian influenza virus with heterologous H7N9-derived NS segmentInVirus ResOn2023 Jan 15byYee-Chen Liu , Guan-Ru Liao et al..PMID:36572153, , (2023)

PMID:36572153

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