

α-SMA Monoclonal Antibody

Catalog No: #40482

Package Size: #40482-1 50ul #40482-2 100ul



SAB[®]
Signalway Antibody

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

Description

Product Name	α-SMA Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	The antibody was affinity-purified from antiserum by affinity-chromatography
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous α-SMA protein.
Immunogen Description	Synthetic Peptide
Conjugates	Unconjugated
Target Name	α-SMA
Accession No.	Swiss-Prot: P62736NCBI Gene ID: 59
SDS-PAGE MW	42kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

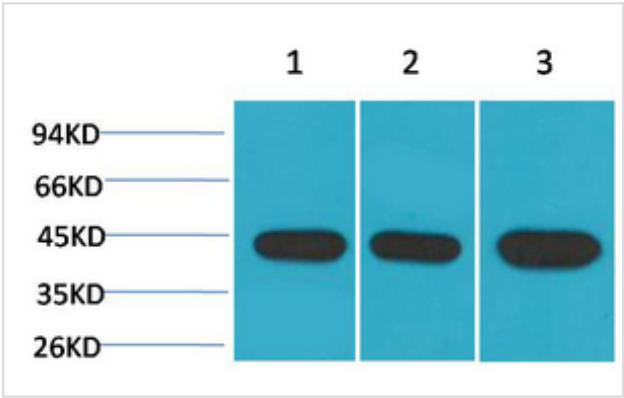
Application Details

Western blotting: 1:5000-50000

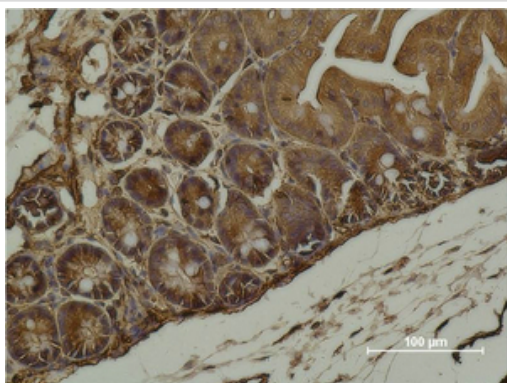
Immunohistochemistry: 1:1000-2000

IF 1:200

Images



Western blot analysis of 1) Hela, 2) 3T3, 3) Rat Brain using α-SMA Monoclonal Antibody.



Immunohistochemical analysis of paraffin-embedded Mouse Cecal Tissue using α -SMA Monoclonal Antibody.

Published Papers

el at., LncRNA HULC promotes epithelial and smooth-muscle-like differentiation of adipose-derived stem cells by upregulation of BMP9. In Pharmazie. On 2018 Jan 2 by Li Y, Shan Z et al..PMID: 29441951, , (2018)

[PMID:29441951](#)

el at., CoQ10 enhances the efficacy of airway basal stem cell transplantation on bleomycin-induced idiopathic pulmonary fibrosis in mice. In Respir Res on 2022 Feb 26 by Huanbin Liu, Shuna Liu, et al..PMID:35219329, , (2022)

[PMID:35219329](#)

el at., Gastrodin attenuates angiotensin II-induced vascular contraction and MLCK/p-MLC2 pathway activationIn Pharm BiolOn2023 DecbyZhi Guo , Xuan Yang et al..PMID:37211627, , (2023)

[PMID:37211627](#)

el at., Gastrodin attenuates renal injury and collagen deposition via suppression of the TGF- β 1/Smad2/3 signaling pathway based on network pharmacology analysis InFront PharmacolOn2023 Jan 17byYing Wen , Xiuli Zhang et al..PMID:36733505, , (2023)

[PMID:36733505](#)

el at., The m6A reader IGF2BP2 regulates glycolytic metabolism and mediates histone lactylation to enhance hepatic stellate cell activation and liver fibrosis. In Cell Death Dis on 2024 Mar 5 by Yongqiang Zhou, Jiexi Yan,et al..PMID:38443347, , (2024)

[PMID:38443347](#)

Ling Wang;Jing Li;Yue Xiong;Yihang Wu;Fen Yang;Ying Guo;Zhaolin Chen;Liqian Gao;Wenbin Deng el at., Ultrashort Peptides and Hyaluronic Acid-Based Injectable Composite Hydrogels for Sustained Drug Release and Chronic Diabetic Wound Healing, , (2021)

[PMID:](#)

Dan Ma;Yimin Hua;Yongguang Lu el at., Complement factor H drives idiopathic pulmonary fibrosis by autocrine C3 regulation, suppressing macrophage phagocytosis and enhancing fibrotic progression., , (2025)

[PMID:39740399](#)

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