

IL18 Rabbit mAb

Catalog No: #32166



Package Size: #32166-1 50ul #32166-2 100ul

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

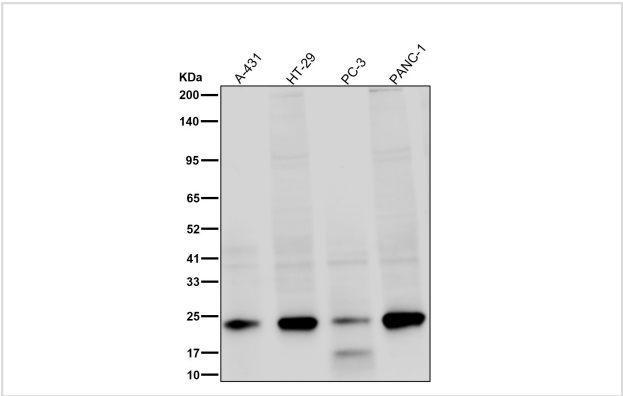
Description

Product Name	IL18 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	IgG
Purification	Affinity-chromatography
Applications	WB
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total IL18 protein.
Immunogen Description	A synthesized peptide derived from human IL 18
Conjugates	Unconjugated
Target Name	IL18
Other Names	IL18;IGIF;IL-18;IL-1g;IL1F4
Accession No.	Uniprot:Q14116GeneID:3606
Calculated MW	22KDa
SDS-PAGE MW	22KDa
Concentration	2mg/ml
Formulation	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle.

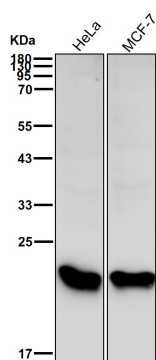
Application Details

WB 1:500 - 1:2000

Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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Background

The protein encoded by this gene is a proinflammatory cytokine that augments natural killer cell activity in spleen cells, and stimulates interferon gamma production in T-helper type I cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Published Papers

el at., Artemether Activation of AMPK/GSK3 β (ser9)/Nrf2 Signalling Confers Neuroprotection towards β -Amyloid-Induced Neurotoxicity In 3xTg Alzheimer's Mouse Model. In *Oxid Med Cell Longev* on 2019 Nov 21 by Li S, Zhao X, et al..PMID:31871541, , (2019)

[PMID:31871541](#)

Meijuan Shao;Yuxi Yan;Fenghua Zhu;Xiaoqian Yang;Qing Qi;Fangming Yang;Tingting Hao;Zemin Lin;Peilan He;Yu Zhou;Wei Tang;Shijun He;Jianping Zuo el at., Artemisinin analog SM934 alleviates epithelial barrier dysfunction via inhibiting apoptosis and caspase-1-mediated pyroptosis in experimental colitis, , (2022)

[PMID:36120344](#)

Long Zeng;Panyue Liu;Fang Rao;Zhimin Du;Haiyin Xiao;Shenghuan Yu;Chunyu Deng;Mengzhen Zhang;Fangzhou Liu;Rui Zhu;Hai Deng;Shulin Wu;Yumei Xue;Xianhong Fang;Wei Wei el at., p300 upregulates Ikur in atrial cardiomyocytes through activating NLRP3 inflammasome in hypertension., , (2025)

[PMID:39966999](#)

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