

IL6 Mouse mAb

Catalog No: #64432

Package Size: #64432-1 50ul #64432-2 100ul

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

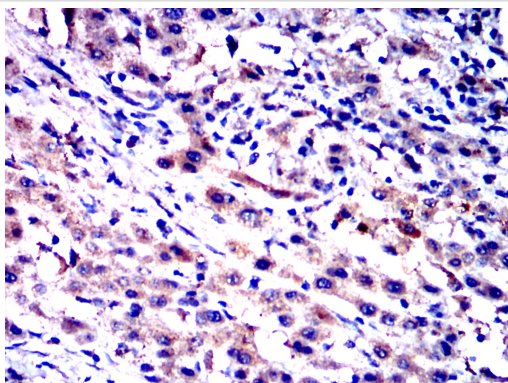
Description

Product Name	IL6 Mouse mAb
Host Species	Mouse
Clonality	Monoclonal
Clone No.	MR4527
Isotype	Mouse IgG2b
Applications	WB,IHC,FC
Species Reactivity	Human,Mouse,Rat,Rabbit
Target Name	IL6
Other Names	CDF;HGF;HSF;BSF2;IL-6;BSF-2;IFNB2;IFN-beta-2
Calculated MW	24kD
Formulation	Purified antibody in PBS with 0.05% sodium azide
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

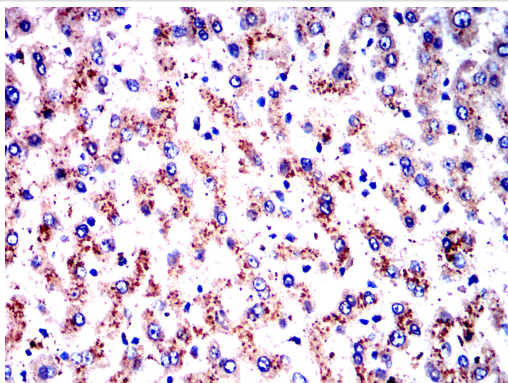
Application Details

IHC 1:200-1:400 FCM 1:200-1:400

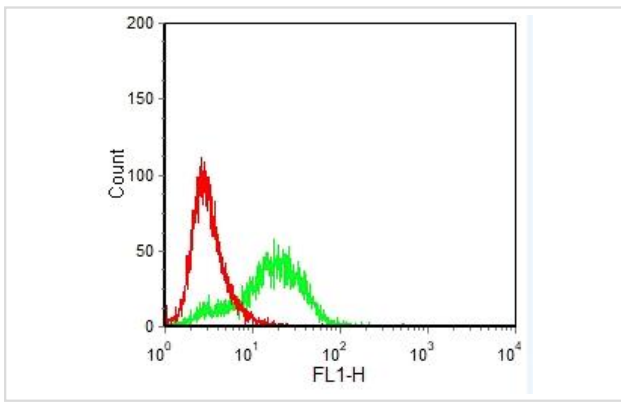
Images



Formalin-fixed, paraffin-embedded human liver cancer tissues stained for IL6 using 64432 at 1/100 dilution in immunohistochemical analysis.



Formalin-fixed, paraffin-embedded human liver cancer tissues stained for IL6 using 64432 at 1/100 dilution in immunohistochemical analysis.



Flow Cytometry Calreticulin antibody (64432)
Flow cytometric analysis of Hela cells with IL6 Mouse mAb at 1/50 dilution (green) compared with an unlabelled control (cells without incubation with primary antibodyO red).

Background

Cytokine with a wide variety of biological functions in immunity, tissue regeneration, and metabolism. Binds to IL6R, then the complex associates to the signaling subunit IL6ST/gp130 to trigger the intracellular IL6-signaling pathway (Probable). The interaction with the membrane-bound IL6R and IL6ST stimulates 'classic signaling', whereas the binding of IL6 and soluble IL6R to IL6ST stimulates 'trans-signaling'. Alternatively, 'cluster signaling' occurs when membrane-bound IL6:IL6R complexes on transmitter cells activate IL6ST receptors on neighboring receiver cells (Probable).

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