

## Anti-MAS1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,GuineaPig)
Molecular Weight:	Theoretical: 37 kDa.
Purification:	Protein A purified

## Applications

Blank control: HepG2.  
Primary Antibody (green line): Rabbit Anti-MAS1 antibody  
Dilution: 1 µg /10<sup>6</sup> cells;  
Isotype Control Antibody (orange line): Rabbit IgG.  
Secondary Antibody: Goat anti-rabbit IgG-FITC

Verified Activity: Dilution: 1 µg /test.

## Protocol

The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

Application: FCM

Recommended FCM: 1µg/Test

## Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human MAS1
Antigen Species:	Human
Gene ID:	4142
Uniprot ID:	P04201

## Research Background

The structure of the MAS1 product indicates that it belongs to the class of receptors that are coupled to GTP binding proteins and share a conserved structural motif, which is described as a '7 transmembrane segment' following the prediction that these hydrophobic segments form membrane spanning alpha-helices. The MAS1 protein may be a receptor that, when activated, modulates a critical component in a growth regulating pathway to bring about oncogenic effects.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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