**bs-5925R** **[ Primary Antibody ]**

# MAS1 Rabbit pAb

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## DATASHEET

**Host:** Rabbit **Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 4142 **SWISS:** P04201

**Target:** MAS1

**Immunogen:** KLH conjugated synthetic peptide derived from human MAS1: 51-150/325. < Extracellular >

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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.

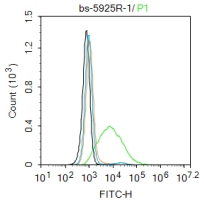
**Applications:** **Flow-Cyt** (1ug/Test)

**Reactivity:** Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog, GuineaPig, Horse)

**Predicted MW.:** 37 kDa

**Subcellular Location:** Cell membrane

## VALIDATION IMAGES




Blank control: HepG2. Primary Antibody (green line): Rabbit Anti-MAS1 antibody (bs- 5925R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-FITC Dilution: 1µg /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.

## SELECTED CITATIONS


- **[IF=3.743]** Chen Q et al. Sini decoction ameliorates sepsis-induced acute lung injury via regulating ACE2-Ang (1-7)-Mas axis and inhibiting the MAPK signaling pathway. Biomed Pharmacother. 2019 Jul;115:108971. WB ;Mouse&Human. 31102910
- **[IF=0.181]** Zhang H et al. Effects of the combination of Herba Epimedii and Semen Plentaginis on the aortic ACE2/Angiotensin-(1-7)/Mas receptor axis and blood pressure in spontaneously hypertensive rats. Int J Clin Exp Med. 2019;12(4):3376-3386 IHC,WB ;Rat. ISSN:1940-5901/IJCEM0072123