

Datasheet for ABIN1169450
anti-ACE2 antibody (Biotin)

2 Images



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Overview

Quantity:	50 µg
Target:	ACE2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ACE2 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant human ACE2.
Clone:	AC18F
Isotype:	IgG1
Specificity:	Recognizes human ACE2.
Cross-Reactivity:	Human
Sterility:	0.2 µm filtered

Target Details

Target:	ACE2
Alternative Name:	ACE2 (ACE2 Products)
Background:	ACE2 has direct effects on cardiac functions. It is expressed predominantly in vascular

Target Details

endothelial cells of the heart and kidney. ACE2 converts angiotensin I to angiotensin 1-9. ACE2 was also identified as a functional receptor for SARS coronavirus.

UniProt: [Q9BYF1](#)

Pathways: [ACE Inhibitor Pathway](#), [Peptide Hormone Metabolism](#), [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [Feeding Behaviour](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

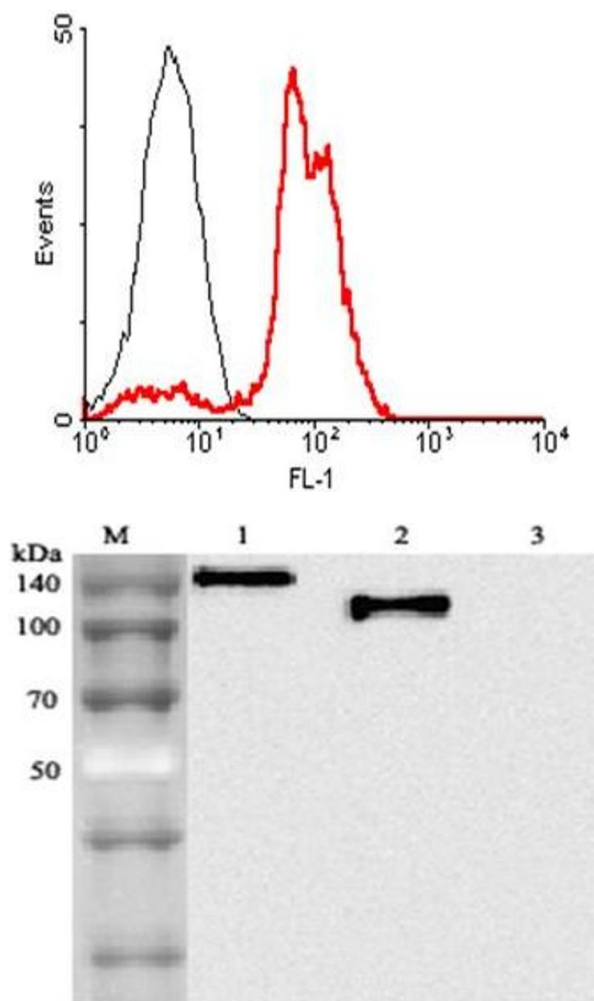
Buffer: 0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.

Preservative: Without preservative

Storage: 4 °C,-20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 1 year after receipt when stored at -20°C.

Expiry Date: 12 months



Flow Cytometry

Image 1. FACS: HepG2 cells were stained significantly using anti-ACE2 (human), mAb (AC18F) (Biotin) .

Western Blotting

Image 2. Western blot analysis using anti-ACE2 (human), mAb (AC18F) (Biotin) at 1: 2,000 dilution. 1. hACE2 (Fc protein). 2. hACE2 (Ecto domain) (FLAG ® -tagged). 3. Other hGTR (Fc protein) (control).