

Datasheet for ABIN4905817

anti-ACE2 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	ACE2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ACE2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Purified His-tagged ACE2 protein was used to produced this monoclonal antibody.
Clone:	1C4
Isotype:	IgM
Cross-Reactivity:	Human
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

Target Details

Target:	ACE2
Alternative Name:	ACE2 (ACE2 Products)
Background:	Synonyms: ACEH, Angiotensin-converting enzyme 2, ACE-related carboxypeptidase,

Target Details

Angiotensin-converting enzyme homolog, Metalloprotease MPROT15, ACE2, UNQ868/PRO1885

Background: Carboxypeptidase which converts angiotensin I to angiotensin 1-9, a peptide of unknown function, and angiotensin II to angiotensin 1-7, a vasodilator. Also able to hydrolyze apelin-13 and dynorphin-13 with high efficiency. May be an important regulator of heart function. (Microbial infection) Acts as a receptor for SARS coronavirus/SARS-CoV and human coronavirus NL63/HCoV-NL63.

Gene ID: 59272

UniProt: [Q9BYF1](#)

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

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

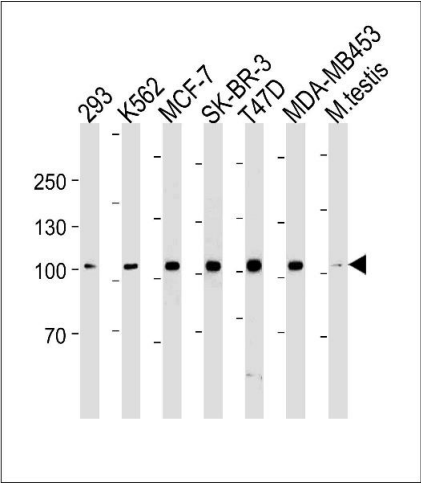
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Western Blotting

Image 1. Lane 1: 293 Cell lysates, Lane 2: K562 Cell lysates, Lane 3: MCF-7 Cell lysates, Lane 4: SK-BR-3 Cell lysates, Lane 5: T47D Cell lysates, Lane 6: MDA-MB-453 Cell lysates, Lane 7: mouse testis lysates, probed with ACE2 (881CT16.4.4) Monoclonal Antibody, unconjugated (bsm-51221M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.