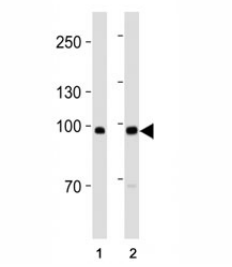
ACE2 Antibody [clone 881CT16.4.4] (F53797)

Catalog No.	Formulation	Size
F53797-0.1ML	In ascites with 0.09% sodium azide	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM
Clone Name	881CT16.4.4
Purity	Ascites
UniProt	Q9BYF1
Applications	Western blot: 1:2000
Limitations	This ACE2 antibody is available for research use only.



ACE2 antibody western blot analysis in MDA-MB-453, MCF-7 lysate. Predicted molecular weight: 90-100 kDa.

Description

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. In case of human coronaviruses SARS and HCoV-NL63 infections, serve as functional receptor for the spike glycoprotein of both coronaviruses.

Application Notes

Titration of the ACE2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1-270 from the human protein was used as the immunogen for this ACE2 antibody.

Storage

Aliquot the ACE2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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