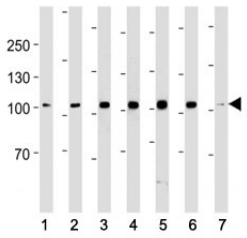
ACE2 Antibody [clone 881CT16.4.4] (F52229)

Catalog No.	Formulation	Size
F52229-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52229-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM, k
Clone Name	881CT16.4.4
Purity	Purified
UniProt	Q9BYF1
Applications	Western blot: 1:1000
Limitations	This ACE2 antibody is available for research use only.



ACE2 antibody western blot analysis in (1) 293, (2) K562, (3) MCF-7, (4) SK-BR-3, (5) T47D, (6) MDA-MB-453 cell line and (7) mouse testis tissue 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

Purified His-tagged protein was used to produced this monoclonal ACE2 antibody.

Storage

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

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