

## Recombinant

## ACE2 (BP6153) Rabbit mAb

db30134

Package : 100μL

**Product Name :** ACE2 (BP6153) Rabbit mAb**Cat.No.:** db30134**Synonyms :** ACEH**Application :** IHC**Reactivity :** Human**Host species :** Rabbit**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. By cleavage of angiotensin II, may be an important regulator of heart function. By cleavage of angiotensin II, may also have a protective role in acute lung injury. Plays an important role in amino acid transport by acting as binding partner of amino acid transporter SL6A19 in intestine, regulating trafficking, expression on the cell surface, and its catalytic activity. Acts as a receptor for SARS coronavirus/SARS-CoV. Acts as a receptor for Human coronavirus NL63/HCoV-NL63.

**Immunogen**

Synthetic peptide within Human ACE2 aa 750-850. The exact sequence is proprietary

**Swiss Prot**

Q9BYF1

**Synonyms**

ACEH

**Reactivity**

Human

**Application**

IHC

**Recommended dilution**

IHC: 1:100-1:200

**Calculated MW**

92 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

BP6153

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

- Immunohistochemistry of paraffin-embedded human testis using ACE2 antibody at dilution of 1:200 (200x lens).