SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0446-100	300 µg

Anti-Spike RBD (Khosta-2)

Source: Goat

General description: Khosta-2 Spike RBD (Receptor-Binding Domain) is a subregion of the spike (S) glycoprotein of the bat sarbecovirus Khosta-2 responsible for binding host receptors, including human ACE2. It lies within the S1 subunit and contains the receptor-binding motif (RBM) that mediates virus–cell attachment, making it a key target for neutralization studies and antibody development.

Alternative names: Khosta-2 Spike RBD, Khosta-2 S RBD, Receptor-binding domain of Khosta-2 spike protein, Khosta-2 S1 RBD, Khosta-2 receptor-binding motif (RBM), Bat sarbecovirus Khosta-2 RBD, Khosta-2 spike glycoprotein receptor-binding domain antibody.

Form: Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Affinity purified recombinant fusion protein using the spike protein RBD domain (residues 308 to 526) and produced in E. coli.

Specificity: In lysates of transfected cells with the plasmid containing the sequence used, detects the fusion protein by Western blot.

Reactivity: Reacts with Transfected cells proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA	IEM
Transfected cells	+++	ND	ND	ND	ND	ND

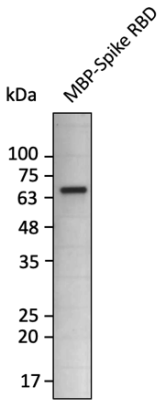
+++ excellent, ++ good, + poor, ND not determined

Usage:

WB: 1:500-1:2,000

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: Avoid freeze/thaw cycles..



Anti-Spike Ab at 1/2,500 dilution; lane with 30 ng of recombinant fusion protein; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.