

Anti-HCoV-OC43 Spike S2 antibody (782-881) (STJ11103407)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	HCoV-OC43

PRODUCT PROPERTIES

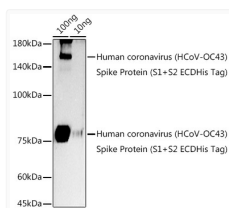
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 150kDa Observed Mw: 75kDa/145kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Immunogen Region	782-881
Immunogen Sequence	EPVGGGLYEIQIPSEFTIGNM VEFIQTSSPKVTIDCAAFVC GDYAACKSQLVEYGSFCDNI NAILTEVNELLDTTQLQVAN SLMNGVTLSTKLKDGVNFNV
Specificity	A synthetic peptide corresponding to a sequence within amino acids 782-881 of coronavirus Spike S2 (YP_009555241.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from Human coronavirus (HCoV-OC43) Spike Protein (S1+S2 ECDHis Tag), using HCoV-OC43 Spike S2 Rabbit polyclonal antibody (STJ11103407) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.