abcam

Product datasheet

Anti-SARS-CoV-2 Spike Ectodomain antibody [CV1] ab277512

リコンビナント

1 References　画像数 5

製品の概要

製品名	Anti-SARS-CoV-2 Spike Ectodomain antibody [CV1]
製品の詳細	Human monoclonal [CV1] to SARS-CoV-2 Spike Ectodomain
由来種	Human
アプリケーション	**適用あり:** Indirect ELISA
種交差性	**交差種:** Recombinant fragment
免疫原	Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.
特記事項	CV1 antibody cross-reacts with SARS-CoV-2 Spike Ectodomain (including S1 domain), but not with SARS-CoV-2 Spike RBD. CV1 does not demonstrate significant neutralising ability in in-direct ELISA, measuring competitive binding of CV1 to SARS-CoV-2 Spike RBD in the presence of human ACE2 Please note: This antibody was first isolated as an IgG1 lambda subclass. During the cloning process for the recombinant product, this was converted to an IgG1 kappa subclass, although the light chain variable region is still of the lambda subclass. This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact **orders@abcam.com**. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Proclin 300 Constituent: 99% PBS
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	CV1
アイソタイプ	IgG1
軽鎖の種類	lambda

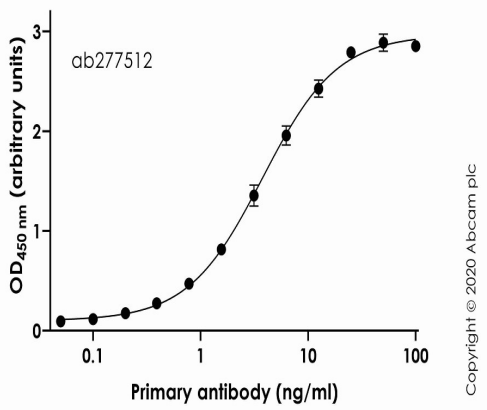
アプリケーション

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab277512の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

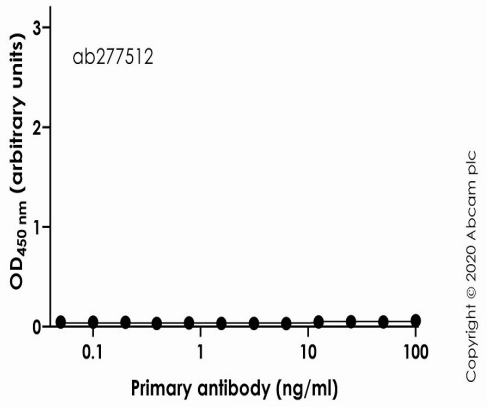
アプリケーション	Abreviews	特記事項
Indirect ELISA		Use at an assay dependent concentration.

画像



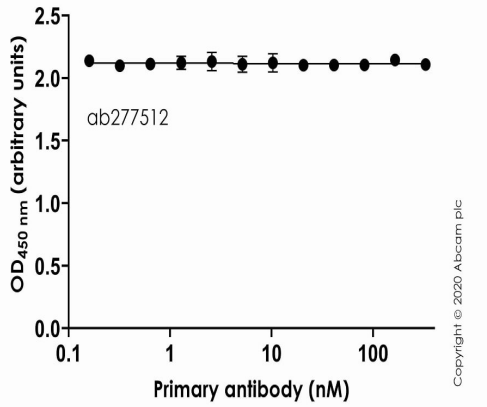
Indirect ELISA - Anti-SARS-CoV-2 Spike Ectodomain antibody [CV1] (ab277512)

Indirect ELISA showing ab277512 (CV1) binding to **ab272105** (recombinant human coronavirus SARS-CoV-2 Spike Glycoprotein S1 (sheep Fc fusion)). Plates were coated with 100ng/well **ab272105** and binding of ab277512 assessed in serial dilution from 100ng/ml primary antibody in duplicate. Binding was detected using **ab98624**, an anti-human Fc secondary conjugated to HRP. Data are represented as the mean and error bars represent standard deviation.



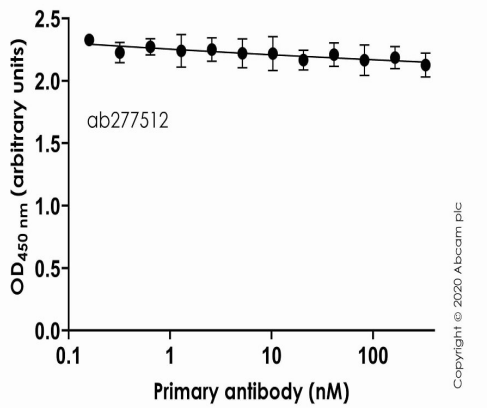
Indirect ELISA - Anti-SARS-CoV-2 Spike Ectodomain antibody [CV1] (ab277512)

Indirect ELISA showing ab277512 (CV1) binding to purified His-tagged SARS-CoV2-RBD. Plates were coated with 100ng/well purified protein and binding of ab277512 assessed in serial dilution from 100ng/ml primary antibody in duplicate. Binding was detected using **ab98624**, an anti-human Fc secondary conjugated to HRP. Data are represented as the mean and error bars represent standard deviation.



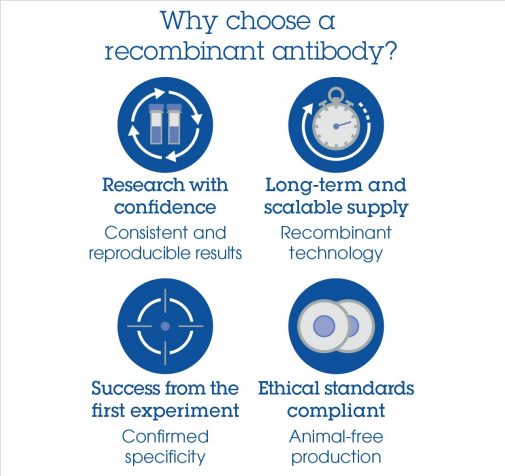
Indirect ELISA - Anti-SARS-CoV-2 Spike Ectodomain antibody [CV1] (ab277512)

Indirect competition ELISA showing competitive binding of ab277512 (CV1) to purified Fc-tagged SARS-CoV2-RBD in the presence of 2nM His-tagged human ACE2. Plates were coated with 100ng/well SARS-CoV2-RBD and binding of the recombinant ACE2 determined in duplicate in the presence of a serial dilution (from 330nM) of primary antibody. His-tagged ACE2 binding was detected using **ab1187**, an anti-His tag secondary conjugated to HRP. Data are represented as the mean and error bars represent standard deviation.



Indirect ELISA - Anti-SARS-CoV-2 Spike Ectodomain antibody [CV1] (ab277512)

Indirect competition ELISA showing competitive binding of ab277512 (CV1) to **ab272105** (recombinant human coronavirus SARS-CoV-2 Spike Glycoprotein S1 (sheep Fc fusion)) in the presence of 2nM His-tagged human ACE2. Plates were coated with 100ng/well **ab272105** and binding of the recombinant ACE2 determined in duplicate in the presence of a serial dilution (from 330nM) of primary antibody. His-tagged ACE2 binding was detected using **ab1187**, an anti-His tag secondary conjugated to HRP. Data are represented as the mean and error bars represent standard deviation.



Anti-SARS-CoV-2 Spike Ectodomain antibody [CV1]

(ab277512)

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