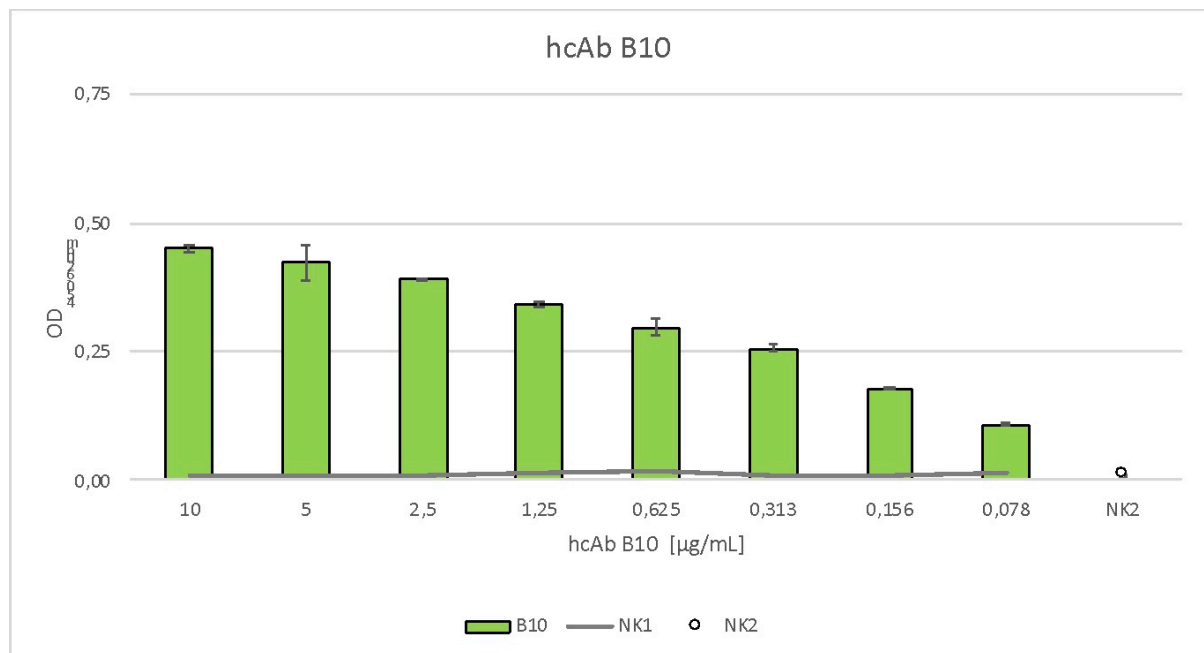


Product specification

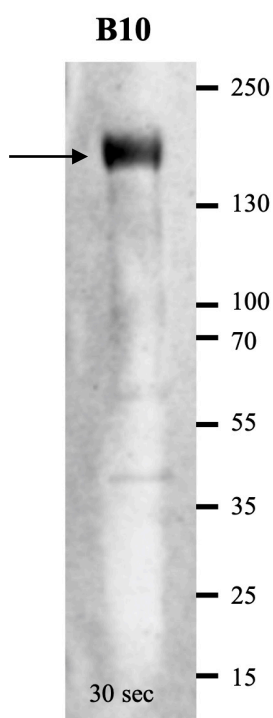
Product	recombinant camelid heavy chain only antibody (hcAb) specific for Spike protein (SARS CoV2)
Clone	NEM_hcAb_B10
Lot Number	2020/20.6/1
Host	camelid
Target	SARS CoV2 Spike protein
Purification	Protein A affinity purified (>95% as determined by SDS PAGE)
Antibody format	variable domain of heavy chain antibodies (VHH) with camelid IgG2b Fc domain (hcAb)
Subclass	IgG2b
Clonality	monoclonal
Conjugate	unconjugated
Antibody concentration	1 mg/mL
Volume of aliquot	100 µL
Storage Buffer	0.15 M NaCl 0.58 % (w/v) acetic acid 350 mM Tris
Applications	ELISA, WB (concentrations need to be determined by the customer for every single application)
Preservative	sodium azide 0.02 %
Storage	4 °C
Country of Origin	Germany
Note	For <i>in vitro</i> use only, not for therapeutic use.

ELISA dates:

ELISA plates were coated with recombinant SARS CoV2 Spike protein (4 µg/mL) and NEM_hcAb_B10 was serially diluted in blocking solution. Detection was performed with NEM17.11-HRP.



Western Blot:



- recombinant SARS CoV2 Spike protein (antibodies online, ABIN6952734, 1 µg/mL) was analysed with a 4-12% SDS gel and transferred to a Western Blot membrane
- transfer was performed with a NuPage System
- after blocking the NEM_hcAb_B10 (1 µg/mL) was incubated for 18h at room temperature (RT)
- as secondary antibody NEM17.11-HRP (2 µg/mL) was added and incubated for 3h at RT
- WesternBright Sirius was used as substrate with an exposition of 30 sec