

Anti-native Flagellin from *C. chauvoei* V_HH domain recombinant antibody

Product code: HCMRA4

Description	<i>Clostridium chauvoei</i> FliC recombinant binding protein (V _H H domain)
Specificity	<i>Clostridium chauvoei</i> FliC protein
Product Type	Recombinant single-domain antibodies (V _H H) produced in <i>E. coli</i> .
Isotype	V _H H domain of alpaca heavy-chain antibody, monoclonal, monovalent
Conjugate	Unconjugated
Purity	Affinity-purified antibody fragment
Form	Freeze dried.
Storage Buffer	PBS 0,5M, BSA 1%. Proclin.
Concentration	1mg/mL
Size	0.1mg
Storage instructions	Shipped with ice packs. Store at -20°. Stable for several years.
Intended to use	RUO only, ELISA, EIA, WB.

Expanded Technical Data

Western blot against *C.chauvoei* flagellin.



Recognition of flagellin of *C. chauvoei* (46 KDa) was analyzed by western blot technique, by the antibody VHH_B13(HCMRA4 from Benten Biotech SRL) and polyclonal AFC01 (From Benten Biotech). Its reactivity was compared to that of mAb IRP608 (from USDA-APHIS). Developing conjugates and a non-immune rabbit serum were included as controls.

Conditions:

Cotating: Flagellin 2ug

1 VHH_B13 1(HCMRA4) ug/mL, revealed with anti HA:HRP conjugate 1/500

2 mAb IRP608 (USDA-APHIS) 1/500, developed anti mouse:HRP 1/1000

3 pAb AFC01 (from Benten) 1/2500, revealed anti rabbit:HRP 1/1000

4-6 reagent controls.

7 Naive serum, 1/2500, developed anti mouse:HRP 1/1000

Peroxidase substrate: TMB