

Product Datasheet

Exendin-4 Antibody (35) - BSA Free NBP1-05179

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-05179

Exendin-4 Antibody (35) - BSA Free

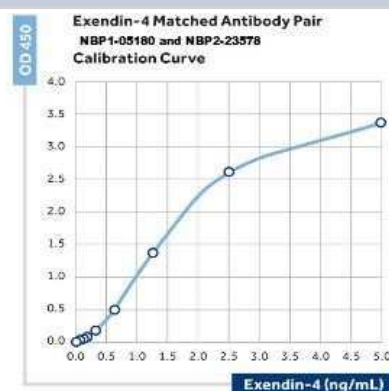
Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	35
Preservative	0.9% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	0.01 M phosphate buffer, pH 7.4, with 0.14 M NaCl

Product Description	
Host	Mouse
Species	Reptile
Reactivity Notes	Reacts with Gila monster Heloderma suspectum
Specificity/Sensitivity	Specific for exendin-4. No cross-reactivity with GLP-1, GLP-2 (human) or glucagon coated on ELISA wells.
Immunogen	Synthetic exendin-4

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA 1:2000
Application Notes	ELISA: NBP1-05179 binds to exendin-4 when coated on ELISA wells and reacts specifically with exendin-4 in solution giving a K_a of 1.1×10^9 in an inhibition ELISA. The binding between NBP1-05179 and exendin-4 is disrupted by 4.5 M $MgCl_2$. NBP1-05179 (as biotinylated detection antibody) forms a sandwich ELISA pair with NBP1-05180 (as capture antibody) for measuring exendin-4, giving a detection limit of as little as 40 pmol/L in an unoptimized buffer assay. (1)

Images

ELISA: Exendin-4 Antibody (35) - BSA Free [NBP1-05179] - Analysis using Biotin conjugate of NBP1-05179. NBP1-05180 is used as capture antibody in combination with a biotinylated detection antibody from the NBP2-23578 series. The best sensitivity in an unoptimized buffer assay was obtained with biotinylated NBP1-05179 as the detection antibody.





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Products Related to NBP1-05179

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-34945-100ug	Recombinant Exendin-4 Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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