

## Anti-Exendin-4 Antibody

### Product Details

<b>Available Variants</b>	100 uL (SKU:ABS 012-35-010) 400 uL (SKU:ABS 012-35-04) 1000 uL (SKU:ABS 012-35-1)
<b>Conjugate</b>	Unconjugated
<b>Isotype</b>	IgG1/k
<b>Clone</b>	35
<b>Gene Name</b>	N/A
<b>Host Species</b>	Mouse
<b>Concentration</b>	1 mg/mL $\pm$ 15%
<b>Format</b>	Protein A or Protein G purified
<b>Physical State</b>	Liquid
<b>Buffer</b>	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
<b>Production Notes</b>	BSA free
<b>Applications</b>	ELISA
<b>Species Reactivity</b>	Lizard
<b>Immunogen</b>	Synthetic exendin-4
<b>Specificity</b>	Specific for exendin-4. No cross-reactivity with GLP-1, GLP-2 (human) or glucagon coated on ELISA wells. The epitope is in the 9-39 region of the peptide, and the antibody cross-reacts strongly with exendin (9-39) amide.
<b>Molecular Weight</b>	4.2 kDa
<b>Storage</b>	2-8°C without exposure to light
<b>UniProt ID</b>	<a href="#">P26349</a>
<b>Country of Origin</b>	United States

<b>Shipping</b>	Shipped on ice packs
<b>Expiration</b>	24 months from date of receipt
<b>Usage Statement</b>	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
<b>Application Details</b>	ABS 012-35 binds to exendin-4 when coated on ELISA wells and reacts specifically with exendin-4 in solution giving a $K_a$ of $1.1 \times 10^9$ in an inhibition ELISA. The binding between ABS 012-35 and exendin-4 is disrupted by 4.5 M MgCl <sub>2</sub> . ABS 012-35 (as biotinylated detection antibody) forms a sandwich ELISA pair with ABS 033-10 (as capture antibody) for measuring exendin-4, giving a detection limit of as little as 40 pmol/L in an unoptimized buffer assay. (1)
<b>NCBI Gene ID</b>	-

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Product Page URL: [www.antibodiesinc.com/products/anti-exendin-4-antibody-35-abs-012-35](http://www.antibodiesinc.com/products/anti-exendin-4-antibody-35-abs-012-35)



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