

Anti-GLP-1 (central region)

CAT. NO. ABS 046-21

OVERVIEW

Product Name	Anti-GLP-1 (central region)	Conjugation	Unconjugated
Description	Mouse monoclonal antibody	Host	Mouse
Isotype	IgG1/k	Clone	21
Tested Applications	ELISA		

SPECIFICITY

Specificity	ABS 046-21 binds the mid-region of GLP-1(7-37), GLP-1(9-36) and GLP-1(9-37)		
Immunogen	Synthetic GLP-1(9-37)	Gene ID	2641
Target	GLP-1 is a peptide hormone of the glucagon family, produced by the L cells of the intestinal mucosa from the same prohormone as glucagon. The active forms are potent stimulators of glucose-dependent insulin secretion. The sequence of GLP-1 is fully conserved in all mammalian species examined so far.		
Species Reactivity	Human	Species Reactivity	Not determined
POSITIVE		NEGATIVE	

PROPERTIES

Form	Liquid	Unit Size	0,4 mL and 1 mL
Concentration	1 mg/mL $\pm$ 15%, See CoA for lot details		
Purification	Protein A or Protein G purified	Purification Notes	BSA free
Storage buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide		
Storage condition	2-8°C without exposure to light		
Safety	Wear protective clothing		

TESTED APPLICATIONS

ELISA	ABS 046-21 is suitable for detection of GLP-1(7-37), GLP-1(9-36) and GLP-1(9-37) with indirect ELISA. The recommended starting concentration for testing is 1 μg/ml. ABS 046-21 (as capture antibody) forms a sandwich ELISA antibody pair with ABS 046-03B (as biotinylated detection antibody) for measuring GLP-1(7-37) and GLP-1(9-37). The recommended coating concentration for ABS 046-21 as capture antibody is 2 μg/ml when used in combination with ABS 046-03B at a concentration of 0.1 μg/ml.
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SCIENTIFIC REFERENCES

N/A

CONDITIONS

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