Anti-Oxyntomodulin (human)

CAT. NO. ABS 064-23

OVERVIEW

Product Name	Anti-Oxyntomodulin (human)	**Conjugation**	Unconjugated
Description	Mouse monoclonal antibody	**Host**	Mouse
Isotype	IgG1/k	**Clone**	23
Tested Applications	ELISA		

SPECIFICITY

Specificity	ABS 064-23 is specific for C-terminus of human oxyntomodulin. Does not cross-react with glucagon. ABS 064-23 has a different epitope specificity compared to ABS 059-20 and ABS 064-46.		
Immunogen	Synthetic oxyntomodulin 31-37 coupled to carrier.	**Gene ID**	2641, 14526
Target	Oxyntomodulin is a peptide hormone of 37 amino-acid residues (29-amino acid sequence of glucagon, with an 8-amino acid carboxy-terminal extension) produced by the L cells of the gut. It modulates gastric acid secretion from the oxyntic cells of the stomach, inhibits appetite and has glucose lowering effects. Oxyntomodulin is produced by cell-type-specific processing of proglucagon that forms as well glicentin, GLP-1 and GLP-2 in the L cells of the intestinal mucosa.		
Species Reactivity POSITIVE	Human, Mouse, Rat	**Species Reactivity NEGATIVE**	Not determined

PROPERTIES

Form	Liquid	**Unit Size**	0,4 mL and 1 mL
Concentration	1 mg/mL ±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 064-23 has been shown to work very well on a direct coat in ELISA

SCIENTIFIC REFERENCES

N/A

CONDITIONS
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